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# OAK

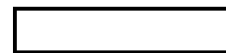
PHOTOGRAPHIC INTERPRETATION REPORT



**MISSION 4028**

**14-20 MAY 1966**

**PART III**



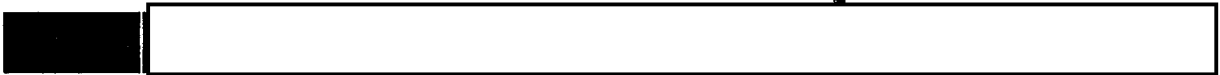
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**MISSION 4028 14-20 MAY 66**

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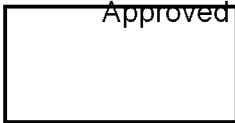
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# OAK - PART III

## MISSION 4028

### PREFACE

THIS IS THE THIRD AND FINAL OAK REPORT ON MISSION 4028 AND PROVIDES INFORMATION ON THE HIGHEST PRIORITY COMMITTEE ON OVERHEAD RECONNAISSANCE (COMOR) TARGETS OBSERVED ON THE PHOTOGRAPHY. THE REMAINDER OF THE COMOR TARGETS COVERED ON THIS PHOTOGRAPHY WILL BE REPORTED IN A SERIES OF OAK SUPPLEMENTS.

TARGETS ARE ARRANGED IN THE OAK BY SUBJECT AND WITHIN EACH SUBJECT BY COMOR TARGET NUMBER. TARGETS OF OPPORTUNITY OBSERVED DURING THE OAK REPORTING PERIOD ARE LISTED NUMERICALLY UNDER THE APPROPRIATE SUBJECT AFTER THE LISTING OF COMOR TARGETS. LOCATIONS OF TARGETS IN THIS REPORT ARE INDICATED BY THE COUNTRY CODE PRECEDING THE COORDINATES.

SELECTED PHOTOGRAPHIC REFERENCES FOR EACH TARGET OBSERVED AND REPORTED FOLLOW THE DESCRIPTION OF THE TARGET. PASS NUMBERS, SUFFIXED WITH A FOR ASCENDING AND D FOR DESCENDING, ARE LISTED FIRST, FOLLOWED BY FRAMES WHICH ARE INDICATED BY THE FRAME NUMBER WITH AN INDEX NUMBER RUNNING CONSECUTIVELY FROM THE BEGINNING OF EACH PASS -- 4/8 FOR EXAMPLE, MEANS FRAME 4, INDEX 8. UNIVERSAL REFERENCE GRID (X-Y) COORDINATES ARE GIVEN IN PARENTHESIS AFTER THE INDEX NUMBER TO WHICH THEY APPLY. THIS GRID IS IDENTIFIED AS UNIVERSAL GRID NO 1, FEB 64. SYMBOLS INDICATING CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON THE PHOTOGRAPHY ARE -- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), S (SNOW), O (OBLIQUITY), SD (SEMIDARKNESS), D (DARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), AND GR (GROUND RESOLUTION).

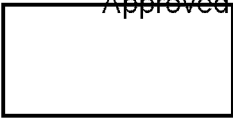
INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF PHOTOGRAPHIC COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS INDICATED BY ST (STEREO), PS (PARTIAL STEREO), OR NS (NON-STEREO).

THE INITIAL SCAN OF THE PHOTOGRAPHY IS ACCOMPLISHED IN A SHORT TIME AND PRIOR TO FINAL REFINEMENT OF EPHEMERIS DATA. CONSEQUENTLY, FUTURE DETAILED ANALYSIS MAY RESULT IN MINOR ALTERATIONS. MOREOVER, RECIPIENTS ARE CAUTIONED THAT THE

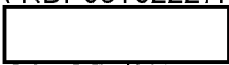
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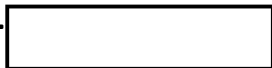
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IDENTIFICATION OF TARGETS IS BASED PRIMARILY ON PHOTOGRAPHY  
AND DOES NOT CONSTITUTE A FINISHED INTELLIGENCE JUDGMENT.

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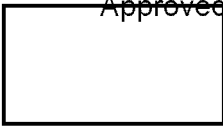


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## **Highlights**



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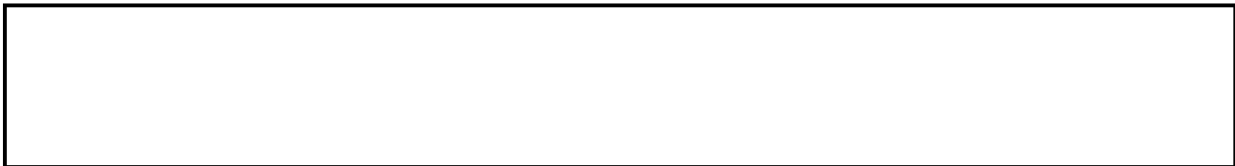
HIGHLIGHTS

NOTE -- NPIC IS NOW USING THE TARGET DATA INVENTORY (TDI) SYSTEM OF DESIGNATING DEPLOYED ICBM SITES. FOR EASE OF FAMILIARIZATION DURING THIS TRANSITION PERIOD, THE FORMER NPIC ALPHABETICAL DESIGNATOR WILL BE SHOWN IN PARENTHESES IMMEDIATELY FOLLOWING THE NEWLY ADOPTED NUMERICAL DESIGNATORS. ALSO, STARTING WITH THIS REPORT, THE GUIDED MISSILE AND ASTRONAUTIC INTELLIGENCE COMMITTEES (GMAIC) NEW SYSTEM OF DESIGNATING THE LAUNCH ELEMENTS AT THE TYURATAM MISSILE TEST CENTER IS BEING IMPLEMENTED. SEE TABLE 3 FOR THIS DESIGNATOR LISTING.

1. TYURATAM MISSILE TEST CENTER

25X

PART OF THE RANGEHEAD BETWEEN LAUNCH SITE I1 AND LAUNCH SITE L1 IS COVERED BY CLEAR, GOOD PHOTOGRAPHY. A POSSIBLE MISSILE IS ERECTED ON PAD A1 AND MORE THAN USUAL VEHICULAR ACTIVITY IS OBSERVED AT LAUNCH SITE I4.



25X

2. PERM ICBM COMPLEX

25X

A TYPE IIID LAUNCH SITE (43I) IS NEWLY IDENTIFIED 23 NM WEST OF THE COMPLEX SUPPORT FACILITY. A CYLINDRICAL OBJECT IS ON THE ACCESS ROAD ADJACENT TO THE SILO AT LAUNCH SITE 19G. POSSIBLE LAUNCH SITE 20G CAN NOW BE CONFIRMED.

25X

3. YEDROVO ICBM COMPLEX

25X

TEN TYPE IIID SITES ARE NEWLY IDENTIFIED IN THE COMPLEX. FOUR SITES (14, 15, 16, AND 23) ARE CONFIRMED, 3 SITES (17, 18, AND 21) ARE PROBABLE, AND 3 SITES (19, 20, AND 22) ARE POSSIBLE. PROBABLE LAUNCH SITES 12 AND 13 CAN NOW BE CONFIRMED. A MISSILE WITH NOSE CONE ATTACHED, 90 FT LONG WITH A CONSTANT DIAMETER OF IS OBSERVED AT LAUNCH SITE 4.

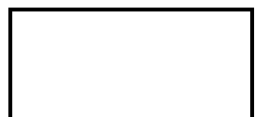
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4. KOZELSK ICBM COMPLEX

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FIVE TYPE IIID LAUNCH SITES (9-13) ARE NEWLY IDENTIFIED. SITES 7, 10, AND 12 ARE NOW IN MID-STAGE OF CONSTRUCTION AND SITES 8, 9, AND

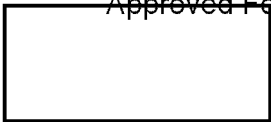
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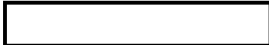
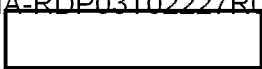
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11 ARE IN EARLY STAGE OF CONSTRUCTION.

5. DOMBAROVSKIY ICBM COMPLEX

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SITE 24 IS NOW A CONFIRMED IIC SITE, AS IS THE UNIDENTIFIED ACTIVITY REPORTED IN OAK FOR WHICH IS NOW DESIGNATED LAUNCH SITE 18. POSSIBLE LAUNCH SITE 19 AND PROBABLE LAUNCH SITE 22 CAN NOW BE CONFIRMED IN EARLY STAGE OF CONSTRUCTION.

25X

6. KAPUSTIN YAR/VLADIMIROVKA MTC

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A PORTION OF THE SSM FACILITIES IS COVERED BY GOOD STEREOSCOPIC PHOTOGRAPHY. CONSTRUCTION AT THE NW SILO AT LAUNCH SITE 4C1 APPARENTLY WILL DUPLICATE THE MODIFICATION UNDERWAY AT THE NE SILO. A PROBABLE SS-4 EXERCISE IS OBSERVED AT LAUNCH PAD 1C1. A LARGE CYLINDRICAL OBJECT APPROXIMATELY IS AT THE TERMINUS OF THE RAILS AT LAUNCH PADS 1C2 AND 1C3. A PROBABLE SS-5 MISSILE HAS BEEN ERECTED AT LAUNCH SITE 5C1. TWO CYLINDRICAL OBJECTS LONG ARE ON RAIL CARS IN THE UNIDENTIFIED INSTALLATION AT LAUNCH COMPLEX C.

25X

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7. SARY-SHAGAN LAUNCH COMPLEX A

25X

TWO UNIDENTIFIED MISSILES, POSSIBLY WITH FINS, 1 APPROXIMATELY THE OTHER APPROXIMATELY AND ONLY PARTIALLY ASSEMBLED, ARE OBSERVED AT LAUNCH SITE 3. PARKED IN THE SAME AREA ARE 15 RAIL-TYPE LAUNCHERS, A PROBABLE MISSILE TRANSPORTER (APPROXIMATELY , BOGIE WHEELS, AND 9 ADDITIONAL PIECES OF EQUIPMENT/OBJECTS.

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8. ZAGORSK ROCKET ENG TEST FAC KRASNOZAVODSK

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THE BEST STEREO PHOTOGRAPHY TO DATE REVEALS SEVERAL PREVIOUSLY UNIDENTIFIED FEATURES AND CONSIDERABLE DETAILS OF PREVIOUSLY IDENTIFIED FEATURES.



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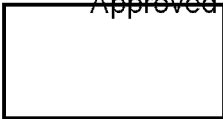
10. MOSCOW PROBABLE ABM LAUNCH COMPLEX (POSS) (MISSILE BONUS)

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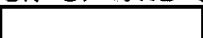


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THIS COMPLEX IS LOCATED 42 NM NNE OF MOSCOW AND IS CO-LOCATED WITH MOSCOW SAM SITE E03-1.

11. MOSCOW SAM STORAGE SITE 3 (MISSILE BONUS)

TWO POSSIBLE GALOSH MISSILES ARE ON A HARDSTAND IN THE SOUTHERN PORTION OF THE SITE. FOUR POSSIBLE MISSILE DOLLIES APPROXIMATELY  ARE NEARBY.

25X

12. MOSCOW PROBABLE ABM LAUNCH COMPLEX (MISSILE BONUS)

THIS COMPLEX IS 45 NM SW OF MOSCOW AND CO-LOCATED WITH MOSCOW SAM SITE E24-1.

13. LUTSK MRBM COMPLEX SAM SITE (MISSILE BONUS)

THIS NEWLY IDENTIFIED SITE IS LOCATED 10 NM SSE OF LUTSK MRBM COMPLEX AT 50-42-30N 025-16-40E.

14. RAMENSKOYE FLIGHT TEST CENTER 

25X

ONE PROBABLE NEW GENERATION AIRCRAFT  WITH A 40-FT WING SPAN AND A FUSELAGE DIAMETER OF APPROXIMATELY  AND 1 PREVIOUSLY REPORTED NEW GENERATION AIRCRAFT  WITH A 30-FT WING SPAN ARE OBSERVED.

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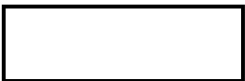
16. BRATSK TALL KING-AIR WARNING RADAR FAC (ELECTRONIC BONUS)

THIS NEWLY IDENTIFIED FACILITY 9 NM SW OF BRATSK CONTAINS 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR BUILDING. AN AIR WARNING RADAR SITE IS UNDER CONSTRUCTION 500 FT TO THE SE.

17. PLESETSK PROBABLE ESV TRACKING FACILITY (ELECTRONIC BONUS)

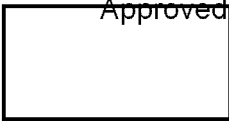
THIS INSTALLATION, PREVIOUSLY REPORTED AS A PROBABLE ELECTRONIC

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FACILITY, IS NOW IDENTIFIED AS A PROBABLE EARTH SATELLITE VEHICLE TRACKING FACILITY UNDER CONSTRUCTION.

18. HARAD SPECIAL AREA 

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TWENTY-FIVE TANKS, 174 CARGO TRUCKS, 8 UTILITY VEHICLES, AN OCCUPIED 6-GUN AAA SITE, AND 361 TENTS OF VARIOUS SIZES ARE OBSERVED.

STATUS OF COMOR TARGET READOUT

DURING THIS REPORTING PERIOD, 182 COMOR TARGETS WERE OBSERVED AND ARE CONTAINED IN THIS OAK.

TABULAR SUMMARY

A RECAPITULATION OF SIGNIFICANT ACTIVITY OBSERVED ON MISSION 4028 AND NPIC CURRENT MISSILE LISTINGS IS PRESENTED IN THE FOLLOWING TABLES ON SUCCEEDING PAGES --

- TABLE 1 -- SOVIET ICBM DEPLOYMENT
- TABLE 2 -- TYURATAM MISSILE TEST CENTER
- TABLE 3 -- NEW DESIGNATORS, TYURATAM MISSILE TEST CENTER
- TABLE 4 -- SOVIET MRBM AND IRBM DEPLOYMENT
- TABLE 5 -- SAM AND ABM DEPLOYMENT
- TABLE 6 -- DATE/TIME OF PHOTOGRAPHIC PASSES

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MISSION 4028, 14-20 MAY 1966

TABLE I. SOVIET ICBM DEPLOYMENT Mission 4028

| COMPLEX                    | TYPE I |           |       |           | TYPE II |           |       |           |       |           |       |           | TYPE III |           |       |           |       |           |                    |       | Number of Sites | Number of Positions | New Sites | Total Launch Positions | Last Effective Coverage |           |                    |        |        |
|----------------------------|--------|-----------|-------|-----------|---------|-----------|-------|-----------|-------|-----------|-------|-----------|----------|-----------|-------|-----------|-------|-----------|--------------------|-------|-----------------|---------------------|-----------|------------------------|-------------------------|-----------|--------------------|--------|--------|
|                            | A      |           | B     |           | A       |           | B     |           | C     |           | D     |           | A        |           | B     |           | C     |           | D                  |       |                 |                     |           |                        |                         |           |                    |        |        |
|                            | Sites  | Launchers | Sites | Launchers | Sites   | Launchers | Sites | Launchers | Sites | Launchers | Sites | Launchers | Sites    | Launchers | Sites | Launchers | Sites | Launchers | Under Construction | Sites |                 |                     |           |                        |                         | Launchers | Under Construction |        |        |
| <sup>25</sup> ALEYSK       |        |           |       |           |         |           |       |           |       |           |       |           |          |           |       |           |       |           |                    |       |                 |                     | 11        | 11                     |                         |           |                    |        |        |
| <sup>25</sup> DOMBAROVSKIY |        |           |       |           |         |           |       |           |       |           |       |           |          |           |       |           |       |           |                    |       |                 |                     | 22(4a)    | 22(4a)                 | 2                       | 24(3a)    |                    |        |        |
| <sup>25</sup> DROVYANAYA   |        |           |       |           |         |           | 1     | 2         |       |           |       | 2         | 4        | 3         | 9     |           |       |           |                    |       |                 |                     | 21        | 20                     | 12                      | 27        | 36                 | 1      | 37     |
| <sup>25</sup> GLADKAYA     |        |           |       |           |         |           |       |           |       |           | 2     | 4         | 1        | 3         |       |           |       |           |                    |       |                 |                     | 30        | 30                     | 30                      | 33(4a)    | 37(4a)             | 37(2a) |        |
| IMENI GASTELLO             |        |           |       |           |         |           |       |           |       |           |       |           |          |           |       |           |       |           |                    |       |                 |                     | 18        | 18                     | 16                      | 18        | 18                 |        |        |
| ITATKA                     |        |           |       |           |         |           | 2     | 4         |       |           |       | 1         | 2        |           |       |           |       |           |                    |       |                 |                     |           | 3                      | 6                       |           |                    |        |        |
| <sup>25</sup> KARTALY      |        |           |       |           |         |           |       |           |       |           |       |           |          |           |       |           |       |           |                    |       |                 |                     | 20        | 20                     | 20                      | 19(1a)    | 19(1a)             | 19(1a) |        |
| <sup>25</sup> KOSTROMA     |        |           |       |           |         |           | 4     | 8         |       |           |       | 2         | 4        | 1         | 3     |           |       |           |                    |       |                 |                     |           | 7                      | 15                      | 3(1a)     | 18(1a)             |        |        |
| <sup>25</sup> KOZELSK      |        |           |       |           |         |           |       |           | 3     | 6         |       |           |          |           |       | 2         | 6     |           |                    |       |                 |                     | 2         |                        | 2                       | 7         | 14                 | 5      | 19     |
| <sup>25</sup> NOVOSIBIRSK  |        |           |       |           |         |           | 1     | 2         |       |           |       | 2         | 4        | 2         | 6     |           |       |           |                    |       |                 |                     |           | 5                      | 12                      |           |                    |        |        |
| <sup>25</sup> OLOVYANNAYA  |        |           |       |           |         |           |       |           |       |           |       |           |          | 3         | 9     |           |       |           |                    |       |                 |                     | 51        | 51                     | 51                      | 54(1a)    | 60(1a)             | 3      | 63     |
| OMSK                       |        |           |       |           |         |           |       |           |       |           |       |           |          |           |       | 1         | 3     |           |                    |       |                 |                     |           | 1                      | 3                       |           |                    |        |        |
| <sup>25</sup> PERM         |        |           |       |           |         |           |       | 3         | 6     |           |       |           | 2        | 4         | 1     | 3         |       |           |                    |       |                 |                     | 30        | 29                     | 30                      | 35(4a)    | 42(4a)             | 1      | 43(3a) |
| <sup>25</sup> PLESETSK*    | 4      | 4         | 2     | 4         | 1       | 2         | 1     | 2         | 2     | 4         |       |           |          | 1         | 3     |           |       |           |                    |       |                 |                     |           | 11                     | 19                      |           |                    |        |        |
| <sup>25</sup> SHADRINSK    |        |           |       |           |         |           |       |           |       |           |       |           |          | 3         | 9     |           |       |           |                    |       |                 |                     |           | 3                      | 9                       |           |                    |        |        |
| <sup>25</sup> SVOBODNY     |        |           |       |           |         |           |       | 3         | 6     |           |       |           | 4        | 8         | 1     | 3         |       |           |                    |       |                 |                     | 9         | 8                      | 9                       | 17        | 26                 | 2      | 28     |
| TATISHCHEVO                |        |           |       |           |         |           |       |           |       |           |       |           |          |           |       |           |       |           |                    |       |                 |                     | 62        | 60                     | 62                      | 62(6a)    | 62(6a)             |        |        |
| TEYKOVO                    |        |           |       |           |         |           |       | 3         | 6     |           |       |           | 3        | 6         |       |           |       |           |                    |       |                 |                     |           | 6                      | 12                      |           |                    |        |        |
| TYUMEN                     |        |           |       |           |         |           |       |           | 2     | 4         |       |           |          |           |       |           |       |           |                    |       |                 |                     |           | 2                      | 4                       |           |                    |        |        |
| UZHUR                      |        |           |       |           |         |           |       |           |       |           |       |           |          |           |       |           |       |           |                    |       |                 |                     | 23        | 23                     | 17                      | 23(1a)    | 23(1a)             |        |        |
| VERKHNIYAYA SALDA          |        |           |       |           | 2       | 4         | 3     | 6         |       |           |       | 2         | 4        | 2         | 6     |           |       |           |                    |       |                 |                     |           | 9                      | 20                      |           |                    |        |        |
| <sup>25</sup> YEDROVO      |        |           |       |           |         |           |       | 2         | 4     |           |       |           | 4        | 8         | 2     | 6         |       |           |                    |       |                 |                     | 4         |                        |                         | 12        | 22                 | 10(3a) | 32(3a) |
| <sup>25</sup> YOSHKAR-OLA  |        |           |       |           |         |           |       | 3         | 6     |           |       |           | 3        | 6         |       |           |       |           |                    |       |                 |                     |           | 6                      | 12                      |           |                    |        |        |
| YURYA                      |        |           |       |           | 2       | 4         | 3     | 6         |       |           |       | 3         | 6        | 3         | 9     |           |       |           |                    |       |                 |                     |           | 11                     | 25                      |           |                    |        |        |
| ZHANGIZTOBE                |        |           |       |           |         |           |       |           |       |           |       |           |          |           |       |           |       |           |                    |       |                 |                     | 15        | 15                     | 15                      | 15(1a)    | 15(1a)             |        |        |
| TOTALS                     | 4      | 4         | 2     | 4         | 5       | 10        | 29    | 58        | 7     | 14        | 30    | 60        | 23       | 69        | 3     | 9         | 109   | 107       | 96                 | 209   | 184             | 200                 | 419(22a)  | 544(22a)               | 27(4a)                  | 571(21a)  |                    |        |        |

\* DOES NOT INCLUDE 2 SSM PADS AT LAUNCH AREA F

\* POSSIBLE

\* COVERED THIS MISSION

TOTAL SINGLE SILOS 343(21a)

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TABLE 2. TYURATAM MISSILE TEST CENTER Mission 4028

| Launcher Designation |      |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Totals                         |      |     |      |   |    |
|----------------------|------|------|----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------------------|------|-----|------|---|----|
|                      |      | Soft |    | Hard |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
| Launcher Designation |      | A1   | A2 | A3   | B1 | B2 | C1 | C2 | C3 | D1 | D2 | E1 | E2 | E3 | F  | G1 | G2 | G3 | G4 | G5 | G6 | U/C                            | Comp | U/C | Comp |   |    |
| Soft                 | U/C  |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
|                      | Comp | 1    | 1  | 1    | 1  | 1  | 1  | 1  | 1  |    |    | 1  | 1  | 1  |    | 1  | 1  | 1  | 1  | 1  | 1  |                                |      | 17  |      |   |    |
| Hard                 | U/C  |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
|                      | Comp |      |    |      |    |    |    |    |    | 3  | 3  |    |    |    | 3  |    |    |    |    |    |    |                                |      |     | 9    |   |    |
| Launcher Designation |      | H1   | H2 | I1   | I2 | I3 | I4 | I5 | I6 | J1 | J2 | K1 | K2 | K3 | L1 | L2 | L3 | L4 | L5 | L6 | L7 |                                |      |     |      |   |    |
| Soft                 | U/C  |      |    |      |    |    |    |    |    | 1  | 1  |    |    |    |    |    |    |    |    |    |    |                                |      | 2   |      |   |    |
|                      | Comp | 1    | 1  |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     | 2    |   |    |
| Hard                 | U/C  |      |    | 1E   | 1E |    |    |    | 1E |    |    |    | 1L | 1L |    |    |    |    |    |    |    |                                |      |     | 5    |   |    |
|                      | Comp |      |    | 1    |    |    | 1  | 1  |    |    |    | 1  |    |    | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1                              |      |     | 11   |   |    |
| Launcher Designation |      | L8   | L9 | L10  | M1 | M2 | M3 | N1 | N2 | N3 |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
| Soft                 | U/C  |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
|                      | Comp |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
| Hard                 | U/C  |      |    |      | 1E | 1E | 1E |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     | 3    |   |    |
|                      | Comp | 1    | 1  | 1    |    |    |    | 1  | 1  | 1  |    |    |    |    |    |    |    |    |    |    |    |                                |      |     | 6    |   |    |
| Launcher Designation |      |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
| New Sites            | Soft |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
|                      | Hard |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |                                |      |     |      |   |    |
|                      |      |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Total                          |      | 2   | 19   | 8 | 26 |
|                      |      |      |    |      |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Grand Total . . . 55 Launchers |      |     |      |   |    |

E - Early stage  
M - Mid-stage  
L - Late stage

○ Covered on this mission

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MISSION 4028, 14-20 MAY 1966

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TABLE 3. TYURATAM MISSILE TEST CENTER

| COMOR NO. | COMPLEX/<br>GROUP | LAUNCH<br>AREA/ SITE | NEW GMAIC<br>DESIGNATORS | FORMER NPIC<br>DESIGNATORS | FORMER TDI<br>DESIGNATORS                       |
|-----------|-------------------|----------------------|--------------------------|----------------------------|---|
|           | Complex A         | LA A                 | Pad A1, A2, A3           | A1, A2, A4                 | 1   |
|           | Complex B         | LA B1                | Pad B1                   | B1                         | 2   |
|           | Complex B         | LA B2                | Pad B2                   | B3                         | 17  |
|           | Complex C         | LA C                 | Pad C1, C2, C3           | C1, C2, C3                 | 3   |
|           | Complex D         | LA D1                | Silos L, C, R*           | D1                         | 4   |
|           | Complex D         | LA D2                | Silos L, C, R*           | D2                         | 9   |
|           | Complex E         | LA E                 | Pad E1, E2, E3           | E1, E2, E3                 | 6   |
|           | Complex F         | LA F                 | Silos, L, C, R*          | F                          | 5   |
|           | Complex G         | LA G1-G2             | Pad G1, G2               | G1, G2                     | 7   |
|           | Complex G         | LA G3-G4             | Pad G3, G4               | G3, G4                     | 11  |
|           | Complex G         | LA G5-G6             | Pad G5, G6               | G5, G6                     | 12  |
|           | Complex H         | LA H1-H2             | Pad H1, H2               | H1, H2                     | 8   |
|           | Group I           | Sites I1, I2, I3     | Silo I1, I2, I3          | I1, I2, I3                 | 14, 32, 36                                      |
|           | Group I           | Site I4              | Silo I4                  | A3                         | 15  |
|           | Group I           | Sites I5, I6         | Silo I5, I6              | B2, B4                     | 16, 35  |
|           | Complex J         | LA J1-J2             | Pad J1, J2               | J1, J2                     | 31  |
|           | Group K           | Site K1-K2           | Silo K1, K2              | K1-K2                      | 13  |
|           | Group K           | Site K3              | Silo K3                  | G-7                        | 18  |
|           | Group L           | Sites L1-L10         | Silos L1-L10             | L1-L10                     | 29, 27, 22,<br>21, 25, 26,<br>30, 28, 23,<br>24 |
|           | Group M           | Sites M1, M2         | Silos M1, M2             | M1, M2                     | 33, 34  |
|           | Group M           | Sites M3             | Silo M3                  | M3                         | 37  |
|           | Group N           | Site N1              | Silo N1                  | K3                         | 20  |
|           | Group N           | Site N2-N3           | Silo N2, N3              | G8-G9                      | 19  |

\* L, C, R - Left, Center, Right Silos

NOTE: Starting with this report the Guided Missile and Astronautic Intelligence Committee's (GMAIC) new system of designating the launch elements at the Tyuratam Missile Test Center is being implemented. Since this differs in several cases from the former NPIC system, the following table has been prepared to aid in familiarization. Column 1 shows the COMOR number for the specific target. Column 2 shows the NPIC alphabetical designator for each major launch complex or group. Column 3 shows the NPIC letter-numerical designators for launch areas or sites. Column 4 shows the new GMAIC designators for individual launchers. Column 5 shows the previous NPIC designation of individual launchers. Column 6 shows the former Target Data Inventory (TDI) designations.

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Table 4. Soviet MRBM and IRBM Deployment

| Geographic Area | Soft MRBM Launch Areas | Soft IRBM Launch Areas | Hard MRBM Launch Areas | Hard IRBM Launch Areas | Total Launch Areas | Total Launch Positions |
|-----------------|------------------------|------------------------|------------------------|------------------------|--------------------|------------------------|
| Western         | 120                    | 11                     | 18                     | 10                     | 159                | 624                    |
| Caucasus        | 3                      |                        | 2                      | 3                      | 8                  | 29                     |
| Central Asia    | 2                      | 3                      | 1                      | 3                      | 9                  | 33                     |
| Far Eastern     | 10                     | 1                      |                        | 1                      | 12                 | 47                     |
| Totals          | 135                    | 15                     | 21                     | 17                     | 188                | 733                    |

Totals do not include 94 fixed field-type sites with total of 352 launch positions and one launch facility at Sovetskaya Gavan

Table 5. SAM and ABM Deployment

|                              | Country |         |          |                |         |        |         |            |       |          |             |           |       |      | Totals *** |    |       |               |             |              |
|------------------------------|---------|---------|----------|----------------|---------|--------|---------|------------|-------|----------|-------------|-----------|-------|------|------------|----|-------|---------------|-------------|--------------|
|                              | USSR    | Albania | Bulgaria | Czechoslovakia | Hungary | Poland | Rumania | Yugoslavia | China | Mongolia | North Korea | Indonesia | Egypt | Cuba |            |    | India | North Vietnam | Afghanistan |              |
| SAM sites                    | SA-1    | 56      |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       | 56            | Confirmed   |              |
|                              |         |         |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | Probable    |              |
|                              |         | 1       |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 1           | Possible     |
|                              |         | 1019    | 2        | 19             | 23      | 16     | 30      | 18         | 5     | 17       | 1           | 4         | 5     | 31   | 23**       | 13 | 102   | 1382          | 1           | Training     |
|                              | SA-2    | 5       |          |                | 1       |        |         |            |       |          |             |           |       |      |            |    |       |               | 8           | Confirmed    |
| SA-3                         |         |         |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 2           | Probable     |
|                              |         | 29      |          |                |         |        |         |            | 1     |          |             |           |       |      |            | 1  |       |               | 2           | Possible     |
|                              |         | 109     |          |                |         |        |         |            | 2     |          |             |           | 1     | 3    | 2          | 1  |       |               | 39          | Training *** |
|                              |         | 1       |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 109         | Confirmed    |
|                              |         | 12      |          |                |         | 1      |         |            |       |          |             |           |       |      |            |    |       |               |             | 2            |
| SA-2 SAM Support Facilities  |         | 193     | 1        | 4              | 6       | 4      | 6       | 2          | 1     |          |             | 1         | 1     | 5    | 6          | 3  | 2     |               | 239         | Confirmed    |
|                              |         | 1       |          | 2              |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 4           | Probable     |
|                              |         | 1       |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 1           | Possible     |
| SA-3 SAM Assembly Facilities |         | 12      |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 12          | Confirmed    |
|                              |         |         |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               |             | Probable     |
| ±Long Range SAM              |         | 15      |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 15          | Confirmed    |
|                              |         |         |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 1           | Probable     |
|                              |         |         |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               |             | Possible     |
| ±± ABM Complexes             |         |         |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 1           | Confirmed    |
|                              |         | 4       |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 4           | Probable     |
|                              |         | 1       |          |                |         |        |         |            |       |          |             |           |       |      |            |    |       |               | 1           | Possible     |

\*Does not include alternate sites, USSR  
 \*\*Does not include 31 abandoned sites  
 \*\*\*Total reflects individual sites

± Complexes are probably long range SAM associated  
 ±± Complexes are probably ABM associated

TOTALS AS OF MISSION 4028

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**Missiles**



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MISSILES

PLESETSK ICBM COMPLEX

UR 6254N 04038E



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CONSTRUCTION CONTINUES AT THE BOW-AND-ARROW INTERFEROMETER AND ALL ANTENNA POSITIONS ARE IDENTIFIABLE. THE PROBABLE POWER SUBSTATION, 1 NM TO THE WEST, NOW CONTAINS A LARGE EXCAVATION CONTAINING 3 LARGE TANKS AND A FOURTH TANK UNDER CONSTRUCTION. THE EXCAVATION AND TANKS ARE CONNECTED TO THE INTERFEROMETER FACILITY AND THE ADMINISTRATION HOUSING FACILITY BY DITCHING. NUMEROUS SECTIONS OF CONDUIT OF LARGE DIAMETER ARE ALONGSIDE THESE DITCHES. CONSTRUCTION APPEARS COMPLETE AT THE UNIDENTIFIED ACTIVITY SOUTH OF THE AIRFIELD. NO FUNCTION FOR THIS FACILITY CAN BE DETERMINED.

A NEWLY IDENTIFIED AREA OF CONSTRUCTION IS LOCATED 2.5 NM SW OF THE AIRFIELD. THE AREA CONSISTS OF A SECURED FORKED RAIL SPUR, 1 BUILDING, 1 BUILDING UNDER CONSTRUCTION, AND CONSIDERABLE GROUND SCARRING. EACH FORK OF THE SECURED RAILHEAD EXCEEDS 1,000 FT.

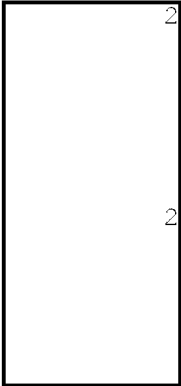


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PLESETSK ICBM COMPLEX SUPPORT FACILITY

UR 6254N 04038E

CONSIDERABLE VEHICLE ACTIVITY THROUGHOUT THE AREA. NO NEW CONSTRUCTION OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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PLESETSK ICBM RAIL-TO-ROAD TRANSFER POINT

UR 6255N 04044E

NO MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR CHANGES IN FACILITIES OBSERVED.



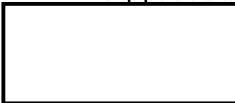
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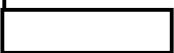
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MISSION 4028 14-20 MAY 66



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PLESETSK ICBM ADMINISTRATION/HOUSING FAC UR 6245N 04020E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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PLESETSK ICBM LAUNCH SITE 1 (I & II) UR 6255N 04027E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

PLESETSK ICBM LAUNCH SITE 2 (III) UR 6256N 04031E

A NEWLY IDENTIFIED FACILITY UNDER CONSTRUCTION IS LOCATED WEST OF THE SITE ACCESS ROAD BETWEEN THE LAUNCH PAD AND THE LARGE BUILDING UNDER CONSTRUCTION TO THE SOUTH. THIS UNIDENTIFIED FACILITY CONSISTS OF CLOSELY SPACED TWIN PARALLEL MASONRY STRUCTURES ESTIMATED TO BE APPROXIMATELY 200 FT LONG. THE STRUCTURES HAVE 4 DISTINCT STAIR-STEP LEVELS RISING FROM EACH END TOWARD THE CENTER AND A FIFTH CENTRAL LEVEL WITH A RISER DISTANCE GREATER THAN THE OTHER FOUR. THE SPACE BETWEEN THE PARALLEL STRUCTURES IS ESTIMATED TO BE APPROXIMATELY 20 FT OR LESS, AND EACH OF THE PARALLEL STRUCTURES IS ESTIMATED TO BE APPROXIMATELY 30 FT WIDE. CONSTRUCTION CONTINUES AT THE ELECTRONIC SITE 2 NM SOUTH OF THE LAUNCH PAD AND AT THE LARGE BUILDING 2,000 FT SOUTH OF THE LAUNCH PAD.

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PLESETSK ICBM LAUNCH SITE 3 (IV) UR 6257N 04041E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

[Redacted]

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PLESETSK ICBM LAUNCH SITE 4 (A) UR 6258N 04046E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

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PLESETSK ICBM LAUNCH SITE 5 (B) UR 6303N 04057E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

[Redacted]

25X

PLESETSK ICBM LAUNCH SITE 6 (C) UR 6300N 04052E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

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25X

PLESETSK ICBM LAUNCH SITE 7 (E) UR 6251N 04034E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY

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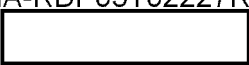
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MISSION 4028 14-20 MAY 66



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UNREPORTED FEATURES OBSERVED.



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PLESETSK ICBM LAUNCH SITE 8 (D) UR 6253N 04047E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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PLESETSK ICBM LAUNCH SITE 9 (G) UR 6253N 04051E

CONSTRUCTION CONTINUES.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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PLESETSK ICBM LAUNCH SITE 10 (H) UR 6252N 04052E

CONSTRUCTION CONTINUES.

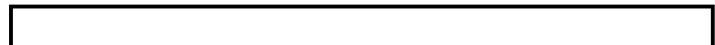
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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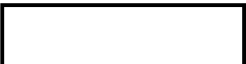
PLESETSK SSM LAUNCH SITE 13 (F) UR 6252N 04044E

TEN VEHICLES/PIECES OF EQUIPMENT ARE VISIBLE IN THE VEHICLE PARK AREA. NO MISSILES, NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



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MISSION 4028 14-20 MAY 66



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**TYURATAM MISSILE TEST CENTER**

UR 4538N 06317E

NO NEW MISSILE FACILITIES IDENTIFIED IN THE APPROXIMATELY 3 PERCENT OF THE SEARCH AREA COVERED.



25X  
25X

**TYURATAM LAUNCH COMPLEX A**

UR 4555N 06320E

THE SERVICE TOWER AT PAD A1 HAS A DIFFERENT APPEARANCE THAN WHEN PREVIOUSLY OBSERVED. TWO LONG HORIZONTAL MEMBERS EXTEND FROM A POINT NEAR THE BASE OF THE TOWER AND OVERHANG THE FLAME PIT ON EITHER SIDE OF THE CONCRETE LAUNCH PAD. A VERTICAL OBJECT, POSSIBLY A MISSILE, IS LOCATED IN THE CENTER OF THE PAD, AND A STEEPLY INCLINED MEMBER IS ADJACENT ON THE DOWN RANGE SIDE. A PROBABLE MISSILE TRANSPORTER IS LOCATED ON THE RAIL ON THE PAD. TWO HIGH LATTICE TOWERS, SIMILAR TO THOSE SEEN AT OTHER LAUNCH PADS, HAVE BEEN ERECTED DIAMETRICALLY ACROSS PAD A1. THE FIRST EVIDENCE OF THESE TOWERS IS OBSERVED ON [REDACTED] THEY DEFINITELY DID NOT EXIST ON [REDACTED] THE IMAGE QUALITY OF INTERVENING MISSIONS IS NOT GOOD ENOUGH TO ESTABLISH A POSITIVE CONSTRUCTION DATE.

25X

NO SIGNIFICANT CHANGE OBSERVED AT LAUNCH PADS A2 OR A3 OR IN THE SUPPORT FACILITY.

(SEE ATTACHMENT)



25X

**TYURATAM LAUNCH COMPLEX E**

UR 4557N 06311E

TWO PROBABLE MISSILE DOLLIES ON RAILS ARE PROTRUDING FROM THE READY BUILDING ASSOCIATED WITH PAD E1.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



25X

**TYURATAM LAUNCH COMPLEX F**

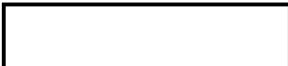
UR 4601N 06305E

THE COMPLEX HAS GENERALLY THE SAME APPEARANCE AS OBSERVED ON [REDACTED] THREE

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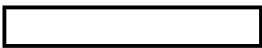
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MISSION 4028 14-20 MAY 66

VEHICLES/PIECES OF EQUIPMENT ARE PARKED ON THE LOOP ROAD IMMEDIATELY EAST OF THE RIGHT SILO. THE PREVIOUSLY REPORTED UNIDENTIFIED OBJECTS DISPERSED ON OR NEAR THE HARDSTANDS ARE IN THE SAME POSITIONS. THE ANTENNA SILO DOORS ARE OPEN AND THE LAUNCH SILO DOORS ARE CLOSED. NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



25X

TYURATAM LAUNCH COMPLEX G

UR 4604N 06255E



25X

ONLY LAUNCH PAD G4 IS VISIBLE AT THE EXTREME EDGE OF THE FRAME. THE MISSILE-TRANSPORTING RAIL CAR PREVIOUSLY SEEN AT LAUNCH AREA G3-G4 IS ON THE APRON BEHIND G4. THE GANTRY IS POSITIONED TO THE REAR OF THE PAD.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



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TYURATAM LAUNCH GROUP I, SITES 11,12,13

UR 4555N 06326E



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SITE 11 -- THE SILO DOOR IS OPEN. A PROBABLE TRUCK-MOUNTED CRANE IS BACKED UP TO THE SILO. TWO VEHICLES/PIECES OF EQUIPMENT ARE PARKED ON THE APRON ADJACENT TO THE SILO. NO SIGNIFICANT CHANGE IN FACILITIES.

SITE 12 -- THE SITE HAS A SINGLE SECURITY FENCE. NO EVIDENCE OF THE HEADWORKS OF THE SILO CAN BE IDENTIFIED. THE BUILDING BESIDE THE ACCESS ROAD AND AT THE FENCE LINE APPEARS TO BE COMPLETE.

SITE 13 -- THE SITE HAS A SINGLE SECURITY FENCE WITH SHAPE AND SIZE INDICATING THAT AN INTERFEROMETER MIGHT BE CONSTRUCTED IN THE FUTURE. NO EVIDENCE OF THE HEADWORKS OF THE SILO CAN BE IDENTIFIED. THE BUILDING BESIDE THE ACCESS ROAD AND AT THE FENCE LINE APPEARS TO BE COMPLETE.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION OR SIGNIFICANT CHANGES OBSERVED.

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TYURATAM LAUNCH GROUP I, SITE I4

UR 4554N 06320E

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THE SILO DOOR IS CLOSED. AT LEAST 14 VEHICLES/PIECES OF EQUIPMENT ARE ON THE APRON IN FRONT OF THE SILO AND AT LEAST 11 MORE ARE IN THE VICINITY OF THE BUILDING LOCATED BESIDE THE ACCESS ROAD AT THE ENTRANCE TO THE SITE.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

(SEE ATTACHMENT)

[Redacted]

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TYURATAM LAUNCH COMPLEX J

UR 4555N 06317E

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CONSTRUCTION CONTINUES AT THE LAUNCH AREA. A CYLINDRICAL COLUMN OR PEDESTAL, SIMILAR TO THE ONE OBSERVED AT J1, IS NOW UNDER CONSTRUCTION AT J2. THE BUILDINGS AND STRUCTURES BETWEEN THE PADS ARE STILL UNDER CONSTRUCTION AND THERE ARE BUILDING MATERIALS, PIECES OF EQUIPMENT, AND OPEN DITCHING THROUGHOUT THE AREA. A RAIL SPUR HAS BEEN EXTENDED TO A POINT WEST OF J2, APPARENTLY FOR OFF-LOADING MATERIAL.

CONSTRUCTION CONTINUES ON THE GANTRY TRACK FOUNDATIONS BETWEEN THE LAUNCH AREA AND THE MAB. THE MAB AND THE NE MATERIEL STORAGE AREA HAVE BEEN SECURED BY A DOUBLE FENCE. A GANTRY CRANE HAS BEEN CONSTRUCTED OVER THE RAIL SPUR ON THE SE SIDE OF THE MAB. AT LEAST 5 BUILDINGS ARE STILL UNDER CONSTRUCTION IN THE AREA OF MULTISTORY BUILDINGS SW OF THE MAB.

THE AREA OF UNIDENTIFIED CONSTRUCTION 3.2 NM SW OF THE COMPLEX NOW CONTAINS 5 TANKS, FOOTINGS FOR 5 OTHER TANKS, 6 BUILDINGS, AND PROBABLE FOOTINGS FOR 4 OTHER BUILDINGS.

NO MISSILES, MISSILE-RELATED EQUIPMENT, OTHER NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.

(SEE ATTACHMENT)

[Redacted]

25X

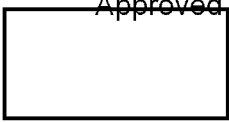
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MISSION 4028 14-20 MAY 66

TYURATAM LAUNCH GROUP K, SITE K1-K2

UR 4601N 06303E



25X

SITE K1 -- THE SILO DOOR IS OPEN. A CRANE IS POSITIONED AT THE SILO AND SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE NEARBY. A TALL OBJECT WHICH APPEARS TO BE CYLINDRICAL IS POSITIONED ON THE APRON NORTH OF THE SILO. A PAIR OF LATTICE TOWERS ARE LOCATED JUST SOUTH OF THE EAST EDGE OF THE SILO DOOR.

SITE K2 -- THE SILO DOOR IS CLOSED. CONSTRUCTION CONTINUES ON THE LOOP ROAD BUT IT IS NOT YET COMPLETE ON THE WEST SIDE OF THE SILO. A CRANE AND NUMEROUS VEHICLES/PIECES OF EQUIPMENT ARE LOCATED AT THE SITE. A PAIR OF LATTICE TOWERS ARE LOCATED IN APPROXIMATELY THE SAME RELATIVE POSITION AS THOSE AT SITE K1. THE SITE HAS AN UNFINISHED, CLUTTERED APPEARANCE.

TWO PROBABLE MISSILE TRANSPORTERS AND APPROXIMATELY 30 ADDITIONAL VEHICLES/PIECES OF EQUIPMENT ARE LOCATED IN THE VICINITY OF THE BUILDING AT THE ENTRANCE TO THE LAUNCH AREA.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION OR SIGNIFICANT CHANGES OBSERVED.



25X

TYURATAM LAUNCH GROUP L, SITE L1

UR 4603N 06259E



25X

THE DRIVE-IN BUILDING HAS BEEN EARTH MOUNDED AND APPEARS COMPLETE. A LATTICE TOWER IS TO THE REAR OF THIS BUILDING BETWEEN IT AND THE APRON. AN UNIDENTIFIED VEHICLE/PIECE OF EQUIPMENT IS LOCATED ON THE APRON NEXT TO THE SILO.

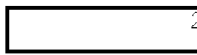
NO MISSILES, OTHER MISSILE RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



25X

TYURATAM LAUNCH GROUP L, SITE L3

UR 4604N 06305E

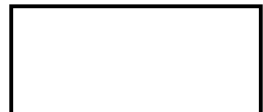


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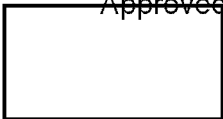
THE DRIVE-IN BUILDING HAS BEEN EARTH MOUNDED AND APPEARS COMPLETE. A LATTICE TOWER IS LOCATED TO THE REAR OF THIS BUILDING BETWEEN IT AND ITS APRON.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY

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MISSION 4028 14-20 MAY 66

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UNREPORTED FEATURES OBSERVED.



25X

TYURATAM LAUNCH GROUP L, SITE L4

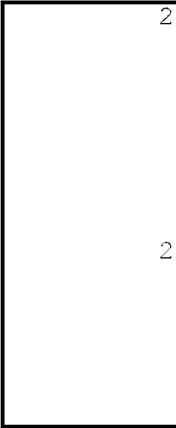
UR 4601N 06303E

A RING IS ON THE APRON NEXT TO THE SILO.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



25X



25X

TYURATAM LAUNCH GROUP L, SITE L5

UR 4559N 06257E

AN UNIDENTIFIED OBJECT (PROBABLE TOWER FOUNDATION) IS LOCATED IN THE SMALL, NEARLY SQUARE EXCAVATION PREVIOUSLY REPORTED TO THE REAR OF THE DRIVE-IN BUILDING. CABLE DITCHING APPROACHES THIS SMALL EXCAVATION. TWO UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE ON THE APRON NEAR THE SILO.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



25X

TYURATAM LAUNCH GROUP L, SITE L8

UR 4601N 06307E

EARTH MOUNDING HAS BEGUN ON THE DRIVE-IN BUILDING. THE SILO DOOR IS OPEN AND 2 UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT ARE ON THE APRON. SEVERAL OTHER VEHICLES/PIECES OF EQUIPMENT OBSERVED IN AND ABOUT THE SITE.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



25X



25X

TYURATAM LAUNCH GROUP L, SITE L9

UR 4558N 06306E

EARTH MOUNDING HAS NOT YET BEGUN ON THE DRIVE-IN BUILDING. AN UNIDENTIFIED OBJECT (PROBABLE TOWER FOUNDATION) IS LOCATED IN THE SMALL NEARLY SQUARE

25X

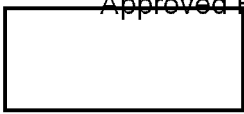


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MISSION 4028 14-20 MAY 66

EXCAVATION TO THE REAR OF THE DRIVE-IN BUILDING. CABLE DITCHING APPROACHES THIS SMALL EXCAVATION. THREE VEHICLES/PIECES OF EQUIPMENT ARE ON THE APRON NEAR THE SILO AND 2 ADDITIONAL VEHICLES/PIECES OF EQUIPMENT ARE LOCATED AROUND THE SITE.

NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



25X

TYURATAM LAUNCH GROUP L, SITE L10

UR 4557N 06301E



25X

EARTH MOUNDING HAS NOT YET BEGUN ON THE DRIVE-IN BUILDING. AN UNIDENTIFIED OBJECT (PROBABLE TOWER FOUNDATION) IS IN THE PREVIOUSLY REPORTED SMALL, NEARLY SQUARE EXCAVATION BEHIND THE DRIVE-IN BUILDING. CABLE DITCHING APPROACHES THIS SMALL EXCAVATION AND A PROBABLE TOWER IS ON THE GROUND NEAR THE EXCAVATION. A PROBABLE TRUCK-MOUNTED CRANE IS NEAR THE DRIVE-IN BUILDING.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

TYURATAM LAUNCH GROUP M, SITES M1,M2

UR 4603N 06302E



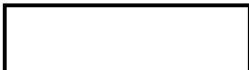
25X

AT SITE M1, CONSTRUCTION CONTINUES, BUT LITTLE OR NO SIGNIFICANT CHANGE IS OBSERVED.

AT SITE M2, A SMALL RECTANGULAR EXCAVATION HAS BEEN DUG APPROXIMATELY 300 FT EAST OF THE MAIN EXCAVATION AND A DITCH EXTENDS WESTWARD TOWARD THE MAIN EXCAVATION. A POSSIBLE BUILDING FOUNDATION IS LOCATED AT THE EDGE OF THE MAIN EXCAVATION TO THE REAR OF THE PREVIOUSLY REPORTED AUXILIARY EXCAVATION ADJACENT TO THE MAIN EXCAVATION. A RECTANGULAR BUILDING IS UNDER CONSTRUCTION BETWEEN THE SECURITY FENCES AT THE ENTRANCE. THREE CRANE-LIKE PIECES OF EQUIPMENT, APPROXIMATELY 14 OTHER UNIDENTIFIED VEHICLES/PIECES OF EQUIPMENT, AND CONSIDERABLE AMOUNTS OF CONSTRUCTION MATERIAL ARE LOCATED AROUND THE SITE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, OTHER NEW

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MISSION 4028 14-20 MAY 66

CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED.



25X

TYURATAM LAUNCH GROUP M, SITE M3

UR 4602N 06306E



25X

A RECTANGULAR BUILDING, PROBABLY TO BE EARTH MOUNDED, IS LOCATED AT THE EDGE OF THE MAIN EXCAVATION TO THE REAR OF THE PREVIOUSLY REPORTED AUXILARY EXCAVATION TO THE SW. A THIRD SMALLER RECTANGULAR EXCAVATION HAS BEEN DUG APPROXIMATELY 300 FT SOUTH OF THE SILO AND A DITCH EXTENDS NORTH FROM IT TOWARD THE MAIN EXCAVATION. THE SITE IS NOW SERVED BY AN ACCESS ROAD WHICH ENTERS THROUGH THE SOUTH FENCE LINE. A RECTANGULAR BUILDING IS UNDER CONSTRUCTION BETWEEN THE FENCES ON THE EAST SIDE OF THE ACCESS ROAD. A CRANE, SEVERAL VEHICLES, AND OTHER PIECES OF EQUIPMENT ARE VISIBLE AROUND THE SITE.

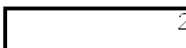
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

TYURATAM LAUNCH GROUP N, SITE N1

UR 4602N 06303E



25X

SEVERAL VEHICLES/PIECES OF EQUIPMENT ARE LOCATED IN AND AROUND THE LAUNCH SITE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

PERM ICBM COMPLEX

UR 5742N 05619E



25X

A TYPE IIID LAUNCH SITE, 43I, IN A LATE STAGE OF CONSTRUCTION, IS NEWLY IDENTIFIED. IT IS LOCATED APPROXIMATELY 23 NM WEST OF THE COMPLEX SUPPORT FACILITY AT 57-41N 055-38E.

NO OTHER NEW MISSILE FACILITIES OBSERVED WITHIN LIMITS OF PHOTOGRAPHY.  
PHOTOGRAPHIC REFERENCES FOR LAUNCH SITE



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**TOP SECRET**



MISSION 4028 14-20 MAY 66

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25X

PERM ICBM COMPLEX SUPPORT FACILITY : UR 5742N 05619E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

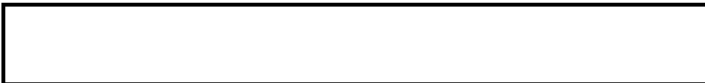


25X

PERM ICBM RAIL-TO-ROAD TRANSFER POINT : UR 5742N 05617E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

PERM ICBM LAUNCH SITE 1 (A) UR 5741N 05612E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

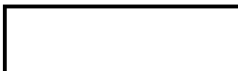
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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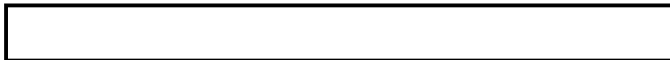
MISSION 4028 14-20 MAY 66

PERM ICBM LAUNCH SITE 2 (B)

UR 5743N 05555E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

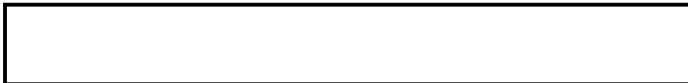


25X

PERM ICBM LAUNCH SITE 3 (C)

UR 5737N 05607E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

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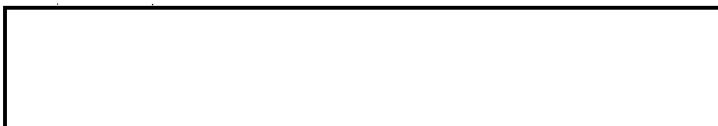
PERM ICBM LAUNCH SITE 4 (F)

UR 5741N 05604E

A LINEAR OBJECT IS OBSERVED ON A CONCRETE APRON OPPOSITE THE CENTER SILO ON

NO OTHER MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

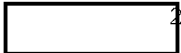


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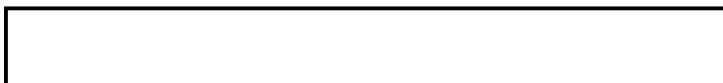
PERM ICBM LAUNCH SITE 5 (E)

UR 5741N 05547E



ONE MISSILE-LIKE OBJECT OBSERVED IN FRONT OF LEFT READY BUILDING AND 1 MISSILE-LIKE OBJECT OBSERVED IN FRONT OF RIGHT READY BUILDING ON

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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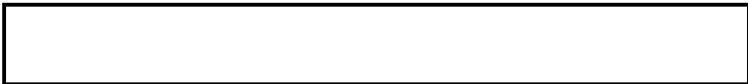
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MISSION 4028 14-20 MAY 66

PERM ICBM LAUNCH SITE 6 (D)

UR 5744N 05600E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

25X

PERM ICBM LAUNCH SITE 7 (G2)

UR 5742N 05600E

IDENTIFICATION ONLY.



25X

PERM ICBM LAUNCH SITE 8 (G3)

UR 5742N 05554E

IDENTIFICATION ONLY.



25X

PERM ICBM LAUNCH SITE 10 (G4)

UR 5742N 05550E

IDENTIFICATION ONLY.



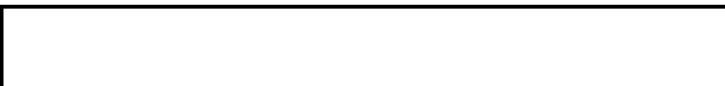
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PERM ICBM LAUNCH SITE 11 (G5)

UR 5743N 05606E

THIS SITE IS NOW COMPLETE. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

NO NEW CONSTRUCTION OR OTHER UNREPORTED CHANGES TO FACILITIES OR FEATURES OBSERVED.



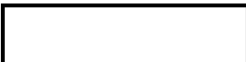
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PERM ICBM LAUNCH SITE 12 (G8)

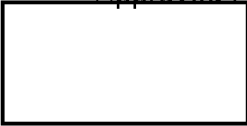
UR 5746N 05610E

THE LAUNCH SITE IS NOW COMPLETE. AN AREA OF UNIDENTIFIED CONSTRUCTION ACTIVITY IS JUST SOUTH OF THE LAUNCH SITE.

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**TOP SECRET**  
MISSION 4028 14-20 MAY 66



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NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

NO OTHER NEW CONSTRUCTION OR UNREPORTED CHANGES TO FACILITIES OR FEATURES OBSERVED.



25X

PERM ICBM LAUNCH SITE 13 (G7)

UR 5744N 05616E



25X



-- IDENTIFICATION ONLY.

25X

THE CONSTRUCTION STAGE IS UNDETERMINED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

PERM ICBM LAUNCH SITE 15 (G1)

UR 5741N 05611E

IDENTIFICATION ONLY.



25X

25X

PERM ICBM LAUNCH SITE 16 (G10)

UR 5745N 05546E

IDENTIFICATION ONLY.



25X

PERM ICBM LAUNCH SITE 17 (G11)

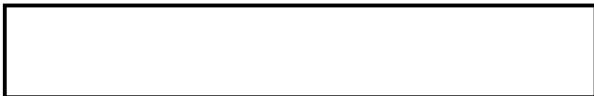
UR 5746N 05549E



-- IDENTIFICATION ONLY.

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NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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[REDACTED]

**TOP SECRET** [REDACTED]  
MISSION 4028 14-20 MAY 66

[REDACTED]

25X  
25X

PERM ICBM LAUNCH SITE 18 (G12)

UR 5742N 05621E

[REDACTED]

25X

[REDACTED] -- IDENTIFICATION ONLY.

25X

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X

PERM ICBM LAUNCH SITE 19 (G13)

UR 5741N 05615E

[REDACTED]

25X

[REDACTED] -- IDENTIFICATION ONLY.

25X

A CYLINDRICAL OBJECT, [REDACTED] IS ON THE ACCESS ROAD ADJACENT TO THE SILO. THE STAGE OF CONSTRUCTION IS UNDETERMINED.

25X

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

NO NEW CONSTRUCTION OR UNREPORTED CHANGES IN FACILITIES OR FEATURES OBSERVED.

(SEE ATTACHMENT)

[REDACTED]

25X

PERM ICBM LAUNCH SITE 20 (G14)

UR 5739N 05608E

[REDACTED]

25X

THIS SITE IS NOW CONFIRMED. IT IS IN AN UNDETERMINED STAGE OF CONSTRUCTION.

NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

[REDACTED]

25X

PERM ICBM LAUNCH SITE 25 (G18)

UR 5750N 05548E

IDENTIFICATION ONLY.

[REDACTED]

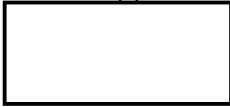
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**TOP SECRET** [REDACTED]

[REDACTED]

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25X



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MISSION 4028 14-20 MAY 66



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25X

PERM ICBM POSS LAUNCH SITE 26 (G19) UR 5750N 05542E

THIS ACTIVITY DOES NOT APPEAR TO BE MISSILE RELATED AND IS DROPPED FROM NPIC LISTINGS.



25X

25X

PERM ICBM LAUNCH SITE 35 UR 5745N 05619E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

PERM ICBM LAUNCH SITE 38 UR 5747N 05545E

IDENTIFICATION ONLY.



25X

PERM ICBM LAUNCH SITE 39 UR 5745N 05542E

IDENTIFICATION ONLY.



25X

PERM ICBM LAUNCH SITE 40 UR 5749N 05617E

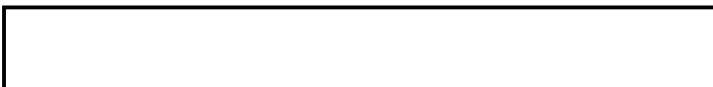
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25X

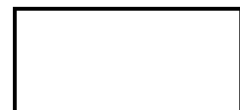
PERM ICBM LAUNCH SITE 41 UR 5740N 05549E

SITE IS APPARENTLY IN LATE STAGE OF CONSTRUCTION. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED. NO NEW CONSTRUCTION, OTHER CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

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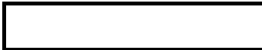


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MISSION 4028 14-20 MAY 66



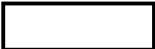
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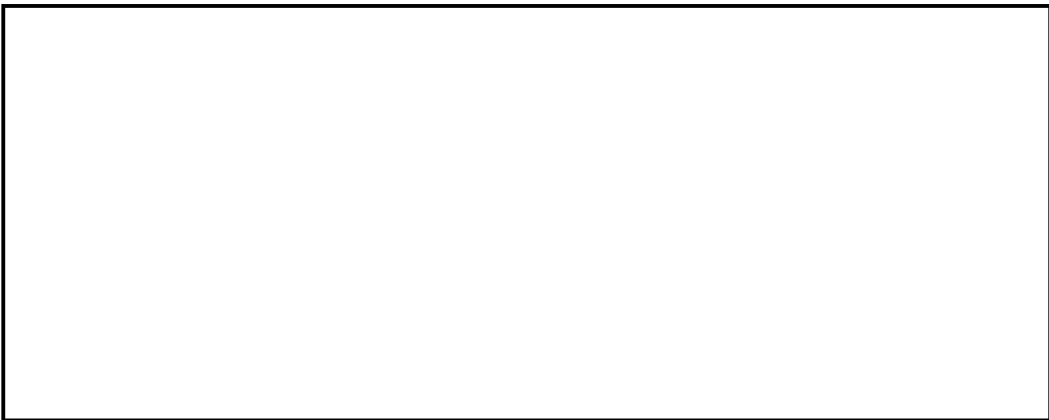
**YEDROVO ICBM COMPLEX**

**UR 5751N 03340E**



25X

TEN NEW TYPE IIID ICBM LAUNCH SITES IN EARLY STAGE OF CONSTRUCTION ARE IDENTIFIED. OF THESE, SITES 14, 15, 16, AND 23 ARE CONFIRMED. SITES 17, 18, AND 21 ARE PROBABLE, AND SITES 19, 20, AND 22 ARE POSSIBLE. PREVIOUSLY IDENTIFIED LAUNCH SITE 11 IS NOW CONFIRMED AS A CONTROL SITE.



25X

SITES 10 AND 11 ARE NOW IN A MID-STAGE OF CONSTRUCTION. PROBABLE SITES 12 AND 13 CAN NOW BE CONFIRMED. SITE 12 IS IN MID-STAGE OF CONSTRUCTION AND SITE 13 IS IN AN EARLY STAGE.



25X

NO NEW MISSILE ACTIVITY OTHER THAN NOTED ABOVE OBSERVED IN THE IMMEDIATE VICINITY OF THE COMPLEX. APPROXIMATELY 3 PERCENT OF THE CENTER PORTION OF THE SEARCH AREA IS COVERED.

(SEE ATTACHMENT)



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MISSION 4028 14-20 MAY 66

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YEDROVO ICBM LAUNCH SITE 1 (B)

UR 5747N 03313E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

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YEDROVO ICBM LAUNCH SITE 2 (A)

UR 5748N 03335E

[Redacted] IDENTIFICATION ONLY.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

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YEDROVO ICBM LAUNCH SITE 3 (I)

UR 5752N 03327E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

[Redacted]

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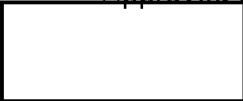
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MISSION 4028 14-20 MAY 66

YEDROVO ICBM LAUNCH SITE 4 (D)

UR 5748N 03328E



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AN UNIDENTIFIED MISSILE IS OBSERVED IN FRONT OF THE MISSILE-READY BUILDING BEHIND THE RIGHT LAUNCH PAD. THIS MISSILE HAS THE NOSE CONE ATTACHED AND MEASURES APPROXIMATELY 90 FT IN LENGTH OVERALL AND HAS A CONSTANT DIAMETER OF



IDENTIFICATION ONLY.

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NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



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YEDROVO ICBM LAUNCH SITE 8 (E)

UR 5752N 03317E



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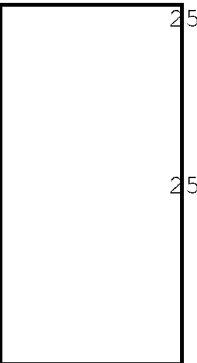
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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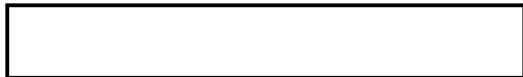
GLADKAYA ICBM COMPLEX

UR 5606N 09214E



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NO NEW MISSILE FACILITIES OBSERVED IN PORTION OF 50-NM SEARCH AREA COVERED BY PHOTOGRAPHY.

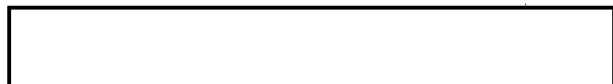


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GLADKAYA ICBM COMPLEX SUPPORT FACILITY

UR 5606N 09214E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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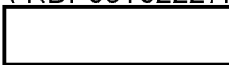
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MISSION 4028 14-20 MAY 66



GLADKAYA ICBM RAIL-TO-ROAD TRANSFER POINT UR 5607N 09213E

NEW CONSTRUCTION AND MANY VEHICLES/PIECES OF EQUIPMENT OBSERVED. NO MISSILES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 2 (B) UR 5624N 09227E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 3 (A) UR 5620N 09220E

A MISSILE IS IN FRONT OF THE RIGHT MISSILE-READY BUILDING.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 5 (D) UR 5621N 09215E

MISSILE-ASSOCIATED EQUIPMENT IS PRESENT IN FRONT OF THE RIGHT MISSILE-READY BUILDING.

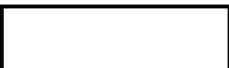
NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 7 (F1) UR 5614N 09215E

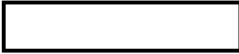
SITE IS NOW COMPLETE. TWO PARALLEL, ARCH-ROOFED BUILDINGS ARE UNDER CONSTRUCTION SE OF THE SITE. THE CONTROL BUILDING AND THE ADJACENT ARCH-ROOFED BUILDING ARE NOW EARTH MOUNDED. A SMALL BUILDING AND A BUILDING

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MISSION 4028 14-20 MAY 66

FOUNDATION ARE NE OF THE SITE.



GLADKAYA ICBM LAUNCH SITE 8 (F2)

UR 5617N 09218E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

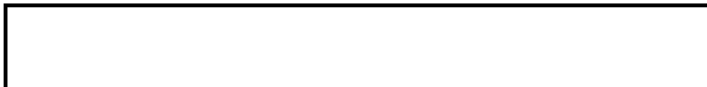


GLADKAYA ICBM LAUNCH SITE 9 (F4)

UR 5614N 09221E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 10 (F5)

UR 5612N 09215E

SITE IS IN LATE STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 11 (F6)

UR 5611N 09210E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

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MISSION 4028 14-20 MAY 66

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GLADKAYA ICBM LAUNCH SITE 12 (F7) UR 5613N 09210E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

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GLADKAYA ICBM LAUNCH SITE 14 (F3) UR 5618N 09222E

SITE REMAINS IN A LATE STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

[Redacted]

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GLADKAYA ICBM LAUNCH SITE 15 (F8) UR 5617N 09213E

IDENTIFICATION ONLY.

[Redacted]

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GLADKAYA ICBM LAUNCH SITE 18 (G3) UR 5613N 09155E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

[Redacted]

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GLADKAYA ICBM LAUNCH SITE 20 (F10) UR 5612N 09205E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW  
CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY  
UNREPORTED FEATURES OBSERVED.

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MISSION 4028 14-20 MAY 66



GLADKAYA ICBM LAUNCH SITE 21 (G4)

UR 5613N 09200E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 22 (F9)

UR 5614N 09226E

SITE IS NOW COMPLETE.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 33 (H7)

UR 5617N 09239E

SITE IS NOW CONFIRMED AND IS IN A LATE STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



GLADKAYA ICBM LAUNCH SITE 34 (H6)

UR 5617N 09233E

SITE IS NOW CONFIRMED AND IS IN A LATE STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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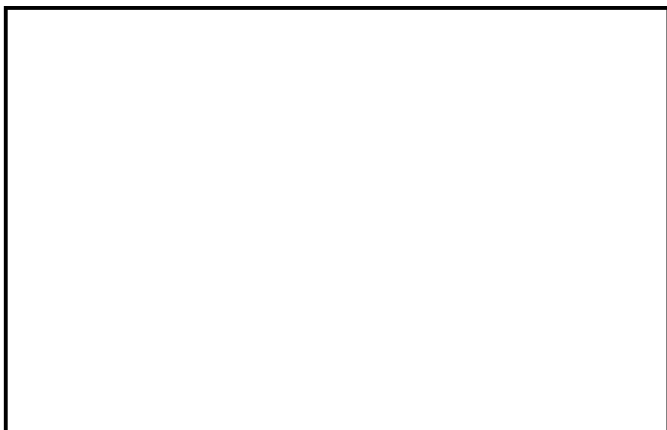
**KOZELSK ICBM COMPLEX**

UR 5356N 03549E



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NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED IN THE CLOUD-FREE PORTIONS OF THE SEARCH AREA COVERED ON PHOTOGRAPHY. TYPE IIID LAUNCH SITES 7 AND 8 ARE CONFIRMED AND SITE 7 IS A PROBABLE CONTROL SITE. FIVE TYPE IIID LAUNCH SITES, SITES 9-13, ARE NEWLY IDENTIFIED. SITES 7, 10, AND 12 ARE IN MID-STAGE OF CONSTRUCTION. SITES 8, 9, AND 11 ARE IN EARLY STAGE OF CONSTRUCTION. SITE 13 IS IN AN UNDETERMINED STAGE OF CONSTRUCTION. SITE 9 IS APPROXIMATELY 13.5 NM SSW OF THE COMPLEX SUPPORT FACILITY AT 53-45N 035-37E. SITE 10 IS APPROXIMATELY 11 NM SSW OF THE COMPLEX SUPPORT FACILITY AT 53-47N 035-40E. SITE 11 IS APPROXIMATELY 5 NM SW OF THE COMPLEX SUPPORT FACILITY AT 53-53N 035-43E. SITE 12 IS APPROXIMATELY 6 NM SOUTH OF THE COMPLEX SUPPORT FACILITY AT 53-50N 035-47E. SITE 13 IS APPROXIMATELY 3.5 NM SOUTH OF THE COMPLEX SUPPORT FACILITY AT 53-53N 035-50N.



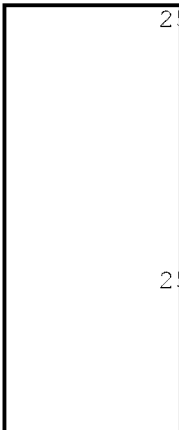
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**KOZELSK ICBM LAUNCH SITE 2 (B)**

UR 5348N 03546E

A POSSIBLE MISSILE OBSERVED ON LEFT PAD. VEHICLES ARE NEAR BOTH MISSILE-READY BUILDINGS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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**KOZELSK ICBM LAUNCH SITE 3 (A)**

UR 5354N 03545E

NO MISSILES OBSERVED.



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MISSION 4028 14-20 MAY 66

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NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

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KOZELSK ICBM LAUNCH SITE 4 (D) UR 5353N 03551E

A POSSIBLE MISSILE AND SMALL ASSOCIATED VEHICLES OBSERVED ON RIGHT LAUNCH PAD.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

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KOZELSK ICBM LAUNCH SITE 5 (E) UR 5351N 03541E

MISSILE RIM BUILDINGS ARE NEAR COMPLETION BUT ARE NOT EARTH MOUNDED. [Redacted] BUILDINGS APPEAR TO BE NEAR COMPLETION BUT ARE NOT EARTH MOUNDED, AND 2 SMALL ASSOCIATED BUILDINGS ARE COMPLETE. NO MISSILES OR MISSILE-RELATED EQUIPMENT OBSERVED.

[Redacted]

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KOZELSK ICBM LAUNCH SITE 6 (F) UR 5340N 03538E

IDENTIFICATION ONLY.

[Redacted]

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DOMBAROVSKIY ICBM COMPLEX UR 5101N 05950E

SITE 24 AT 50-51N 059-52E IS A CONFIRMED SITE IN AN EARLY STAGE OF CONSTRUCTION WITH 4 ACCESSES TO THE EXCAVATION. IT IS SECURITY FENCED. THE SITE SUPPORT FACILITY CONTAINS 6 COMPLETED BUILDINGS AND 2 UNDER CONSTRUCTION.

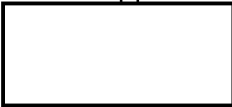
THE UNIDENTIFIED ACTIVITY REPORTED ON [Redacted] [Redacted] IS NOW CONFIRMED AS LAUNCH SITE 18. THE SITE AT 50-41N 059-47E IS IN AN EARLY STAGE OF CONSTRUCTION. THE CORING HAS BEGUN IN THE EXCAVATION. THREE BUILDINGS ARE NEAR THE EXCAVATION. THE SITE DOES NOT

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TOP SECRET [Redacted]

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MISSION 4028 14-20 MAY 66

APPEAR TO BE SECURITY FENCED. THE SITE SUPPORT FACILITY CONTAINS 5 COMPLETED BUILDINGS AND 3 OTHER BUILDINGS UNDER CONSTRUCTION.



DOMBAROVSKIY ICBM LAUNCH SITE 17 (O) UR 5046N 05945E

THE SITE IS NOW IN MID-STAGE OF CONSTRUCTION AND IS SECURITY FENCED.

NO MISSILES OR MISSILE RELATED EQUIPMENT OBSERVED.

NO OTHER NEW CONSTRUCTION OR UNREPORTED CHANGES TO FACILITIES OR FEATURES OBSERVED.



DOMBAROVSKIY ICBM LAUNCH SITE 19 (P) UR 5039N 05939E

THE SITE CAN NOW BE CONFIRMED AND IS IN AN EARLY STAGE OF CONSTRUCTION. IT IS FENCED AND CONTAINS THE USUAL U-SHAPED EXCAVATION, 2 COMPLETED BUILDINGS, AND 2 BUILDINGS UNDER CONSTRUCTION. THE SITE SUPPORT FACILITY CONTAINS 10 BUILDINGS IN VARIOUS STAGES OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



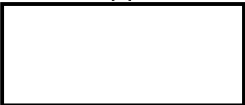
DOMBAROVSKIY ICBM LAUNCH SITE 21 UR 5051N 05958E

FENCED SITE REMAINS IN EARLY STAGE OF CONSTRUCTION AND CONTAINS 2 COMPLETED BUILDINGS, 3 BUILDINGS UNDER CONSTRUCTION, AND AN EXCAVATION FOR POSSIBLE CONTROL BUNKER. THE FENCING AROUND THE SITE SUGGESTS THAT THIS WILL PROBABLY BE A CONTROL SITE.

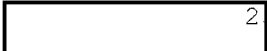
SITE SUPPORT FACILITY CONTAINS 5 COMPLETED BUILDINGS AND 3 BUILDINGS UNDER CONSTRUCTION.

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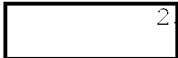
MISSION 4028 14-20 MAY 66

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



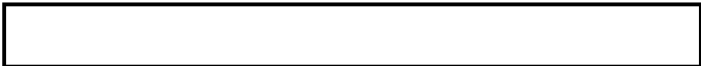
DOMBAROVSKIY ICBM LAUNCH SITE 22

UR 5046N 05950E



SITE IS NOW CONFIRMED AND IS IN EARLY STAGE OF CONSTRUCTION. SITE SUPPORT FACILITY CONTAINS 10 COMPLETED BUILDINGS AND 2 BUILDINGS UNDER CONSTRUCTION. NO SECURITY FENCING OBSERVED.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



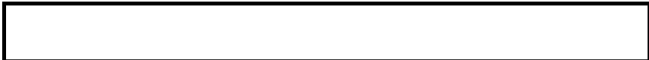
ALEYSK ICBM LAUNCH SITE 9 (I)

UR 5215N 08239E



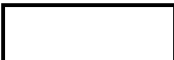
SITE IS DOUBLE SECURED IN MID-STAGE OF CONSTRUCTION.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR

UR 4835N 04545E

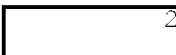


NO NEW MISSILE FACILITIES OBSERVED IN THE SECTION OF THE 50-NM SEARCH AREA COVERED BY PHOTOGRAPHY.



KAPUSTIN YAR LAUNCH COMPLEX A

UR 4842N 04615E



TWO CRANES, A TRUCK, AND 2 OPEN FRAMEWORK CYLINDERS ARE POSITIONED NEAR THE SILO OPENING OF THE NORTHERN EARTH-RAMPED LAUNCH POSITION. NO MISSILES, OTHER MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR CHANGES IN FACILITIES OBSERVED.

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MISSION 4028 14-20 MAY 66

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KAPUSTIN YAR LAUNCH COMPLEX B

UR 4841N 04616E

[REDACTED]

25X

NO ACTIVITY OBSERVED IN THE BIVOUAC/TRAINING AREAS WEST OF LAUNCH COMPLEX B.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[REDACTED]

25X

KAPUSTIN YAR LCH COMPLEX C (SITES 2, 4-9)

UR 4836N 04616E

[REDACTED]

25X

LAUNCH AREA 1C (SITE 7) IS ACTIVE WITH AN EXERCISE UNDERWAY ON LAUNCH PAD 1C-1. AN SS-4-TYPE ERECTOR AND LAUNCH STAND ARE AT THE CENTER OF THE PAD AND A [REDACTED] MISSILE IS ON A TRANSPORTER NEARBY. [REDACTED] (EQUATES TO AN SS-4 MISSILE WITHOUT NOSE CONE). A PROBABLE CHERRY PICKER AND 5 VANS ARE ALSO PARKED ON THE PAD. HEADING TOWARD THE PAD ON THE ROAD FROM PAD 1C-3 ARE AN SS-4 FUEL TRANSPORT TRAILER, 2 SS-4 OXIDIZER TRANSPORT TRAILERS, 2 PRIME MOVERS, AND A POSSIBLE OXIDIZER TRANSFER VAN. TWO OTHER UNIDENTIFIED VEHICLES ARE LOCATED EAST OF THESE VEHICLES.

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THE RAIL-SERVED, [REDACTED] POSSIBLE ERECTOR STRUCTURES AT LAUNCH PADS 1C-2 AND 1C-3 APPEAR CYLINDRICAL FROM A TOP VIEW AND ARE SEGMENTED. MEASUREMENTS, FROM THE PAD CENTER, OF THESE SEGMENTS ARE [REDACTED] FT. A POSSIBLE PIVOT IS VISIBLE NEAR THE END OF THESE CYLINDERS. A CRANE IS LOCATED NEAR THE EDGE OF EACH PAD.

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A PROBABLE RAIL CAR EITHER ABUTS OR EXTENDS UNDER THE POSSIBLE ERECTOR STRUCTURE AT PAD 1C-3. THIS CAR IS [REDACTED] A SMALL PROBABLE ENGINE IS ON THE RAIL LEADING TO THIS PAD.

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25X

TWO UNIDENTIFIED PIECES OF EQUIPMENT APPROXIMATELY [REDACTED] WITH AN APPROXIMATELY [REDACTED] WIDTH OR DIAMETER, WHICH FLARES TO [REDACTED] AT THE REAR, ARE MOUNTED ON VEHICLES LOCATED NEAR THE SUPPORT BUILDINGS AT THE ENTRANCE TO THE SITE.

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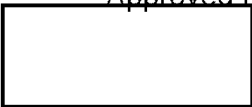
LAUNCH AREA 2C (SITE 6) -- NO ACTIVITY OBSERVED. THE

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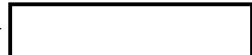
[REDACTED]

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MISSION 4028 14-20 MAY 66

MISSILE SERVICE TOWER AND STRUCTURE REMAIN ON PAD 2C-1. LAUNCH AREA 3C (SITE 5) -- NO ACTIVITY OBSERVED. LAUNCH AREA 4C (SITE 4) -- AT LAUNCH SITE 4C-1 THE THIRD SILO (NW) IS APPARENTLY BEING MODIFIED IN THE SAME MANNER AS THE NE SILO. A FENCE HAS BEEN CONSTRUCTED ACROSS THE ACCESS ROAD IN FRONT OF THE SILO AND A ROADBED IS BEING CONSTRUCTED FOR RAILS SIMILAR TO THOSE AT THE NE SILO. ROUGH GRADING HAS ALSO BEEN ACCOMPLISHED IN THE AREA FOR THE CROSS RAILS. AN 80 X 25 FT BUILDING HAS BEEN REMOVED FROM THIS AREA SINCE



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CONSTRUCTION ACTIVITY IS STILL CONTINUING AT THE SW SILO. IT CAN DEFINITELY BE SEEN THAT THE RAIL LINE GOES DIRECTLY TO THE SILO. THERE IS AN APPROXIMATELY 25-FT GAP IN THE WESTERN SIDE WALL THAT THE SILO COVER SLIDES BETWEEN AND AN APPARENT MODIFICATION WITHIN THE TOP OF THE SILO STRUCTURES RESULTS IN A PROJECTION TOWARD THE RAIL LINE. THE SILO COVER IS STILL IN THE OPEN POSITION AND THE CENTER SILO OPENING MEASURES APPROXIMATELY [REDACTED] A NEW ROAD HAS BEEN CONSTRUCTED AND SERVES THE BUNKER WHICH NOW COVERS THE EXCAVATION WHERE CYLINDRICAL OBJECTS WERE SEEN IN [REDACTED]

25X

[REDACTED] ANOTHER LEG OF THE ROAD SERVES PROBABLE CONSTRUCTION ACTIVITY. A BUILDING APPROXIMATELY [REDACTED] IS UNDER CONSTRUCTION NEAR THE CENTER OF THE LAUNCH AREA. THIS BUILDING WAS NOT EVIDENT IN [REDACTED]

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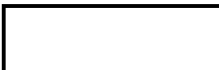
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AT LAUNCH SITE 4C-2, A PROBABLE SS-5 MISSILE (WITHOUT NOSE CONE) IS ON A TRANSPORTER AT THE ENTRANCE TO THE SITE. PARKED ALONGSIDE THIS TRANSPORTER AND WITHIN THE SITE ROAD PATTERN ARE 2 POSSIBLE ERECTORS. TWO POSSIBLE FUEL TRANSPORTER TRAILERS AND 5 TRUCKS ARE ALSO WITHIN THE SITE.

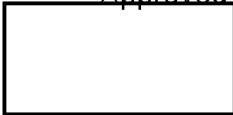
LAUNCH AREA 5C (SITE 2) -- A PROBABLE SS-5 EXERCISE IS UNDERWAY AT LAUNCH SITE 5C-1. THE MISSILE WITH A TOTAL HEIGHT OF APPROXIMATELY 95 FT IS ERECTED. THE ERECTOR IS STILL UP AND THE SS-5 TRANSPORTER IS BEING LOWERED. TWO SS-5 FUEL TRANSPORTERS AND A SMALL VEHICLE ARE ON THE EAST SIDE OF ROAD PATTERN. TWO POSSIBLE OXIDIZER TRANSPORTERS AND AN UNIDENTIFIED VEHICLE ARE ON THE WESTERN SIDE OF THE ROAD PATTERN. A PROBABLE CHERRY PICKER IS PARKED NEARBY. ALSO PARKED WITHIN THE SITE ARE 2 PROBABLE SS-5 FUEL TRAILERS, 2 POSSIBLE OXIDIZER TRANSPORTERS, 2 SMALL VEHICLES, AND 4 UNIDENTIFIED TRUCKS. THREE TRUCKS ARE ALSO PARKED ON A HARDSTAND JUST OUTSIDE THE SITE.

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MISSION 4028 14-20 MAY 66

PROBABLE MISSILE ASSEMBLY AND CHECKOUT AREA -- THREE EMPTY PROBABLE SS-4 MISSILE TRANSPORTERS ARE PARKED NEAR THE 5 NEWER BUILDINGS IN THE SW CORNER OF THE AREA. THIS FACILITY IS ONLY PARTIALLY COVERED BY PHOTOGRAPHY.



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SSM BIVOUAC AREA -- AT LEAST 116 VEHICLES, INCLUDING 4 PROBABLE SS-4 TRANSPORTERS, 2 SS-4 TYPE ERECTORS, 4 SS-4 TYPE ERECTORS, 4 SS-4 OXIDIZER TRAILERS, AND 2 SS-4 FUEL TRAILERS ARE PARKED IN THE MOTOR POOL PORTION OF THE SSM BIVOUAC AREA. AN ADDITIONAL 50 VEHICLES, INCLUDING 2 PROBABLE SS-4 OXIDIZER TRAILERS AND 1 PROBABLE SS-4 FUEL TRAILER, ARE PARKED IN THE SW CORNER OF THE BIVOUAC AREA.

ADMINISTRATION HOUSING AND SERVICE AREAS -- AT LEAST 55 VEHICLES, INCLUDING 2 SS-4 FUEL TRAILERS AND 3 OXIDIZER TRAILERS, ARE PARKED IN THE MOTOR POOL IN THE SOUTHERN AREA.

WARHEAD AREAS -- 24 VEHICLES AND 10 RAIL CARS ARE IN THE WESTERN AREA.

MISSILE ASSEMBLY AND CHECKOUT AREA -- AT LEAST 22 TRUCKS, 1 POSSIBLE TRANSPORTER, AND 2 UNIDENTIFIED PIECES OF EQUIPMENT ARE PARKED WITHIN THE AREA.

(SEE ATTACHMENT)



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KAPUSTIN YAR LAUNCH COMPLEX E (SITE 3) UR 4846N 04618E

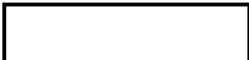


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THREE SS-1 SCUD UNITS ARE PARKED IN TRAINING AREAS WEST OF LAUNCH COMPLEX E. ONE IS LOCATED APPROXIMATELY 1 NM WEST OF THE LAUNCH AREA AND CONTAINS AT LEAST 90 VEHICLES AND 60 TENTS. THE SECOND, LOCATED APPROXIMATELY 2 NM SW OF THE LAUNCH AREA, CONTAINS AT LEAST 145 VEHICLES AND 65 TENTS. A THIRD UNIT IS

50

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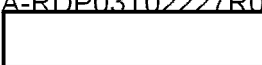


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APPARENTLY LOCATED IN THE TROOP TRAINING AREA. THE VEHICLE PARK LOCATED APPROXIMATELY 0.5 NM NW OF THE BARRACKS CONTAINS AT LEAST 85 VEHICLES. THE MOTOR POOL IN THE TROOP TRAINING AREA CONTAINS AT LEAST 75 VEHICLES INCLUDING A TEL AND A-FRAME CRANES. AN EXERCISE IS UNDERWAY NW OF THIS MOTOR POOL INVOLVING 3 TELS WITH MISSILES. AT LEAST 4 NEW BUILDINGS ARE UNDER CONSTRUCTION IN THE TROOP TRAINING AREA.

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR SIGNIFICANT CHANGES OBSERVED WITHIN THE LAUNCH AREA.



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KAPUSTIN YAR LAUNCH COMPLEX H (SITE 13) UR 4848N 04620E

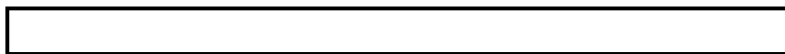


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A PORTION OF EACH PAD, APPROXIMATELY [REDACTED] IS APPARENTLY BEING SURFACED. THREE LIGHT-TONED RECTANGLES, EACH APPROXIMATELY [REDACTED] AND AN APPROXIMATELY 20-FT LONG UNIDENTIFIED OBJECT ARE ON THE SOUTHERN PAD. AN APPROXIMATELY 30-FT UNIDENTIFIED OBJECT IS ON THE NORTHERN PAD. NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, OR FACILITIES ARE OBSERVED IN THE SECURED AREA SW OF THE LAUNCH AREA.

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SARY-SHAGAN ANTIMISSILE TEST CENTER UR 4602N 07334E



25X

THE ONLY FACILITIES COVERED ARE LAUNCH COMPLEXES A AND B, PROBABLE LONG RANGE SAM LAUNCH COMPLEX 2, SITE 13, AND INSTRUMENTATION SITES 14 AND 15. NO NEW MISSILE FACILITIES OBSERVED IN AREAS COVERED.



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SARY-SHAGAN LAUNCH COMPLEX A (ZONE A) UR 4625N 07252E

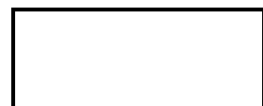


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HEADQUARTERS AND ADMINISTRATION AREA -- NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] APPROXIMATELY 40 VEHICLES/PIECES OF EQUIPMENT ARE PARKED IN THE AREA.

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LAUNCH SITE 1 -- REVETMENTS AT THE 5 LAUNCH POSITIONS REMAIN UNCHANGED SINCE [REDACTED] POSITION 6 AND POSITION 7 ALONG THE OUTER ACCESS ROAD HAVE NOT BEEN REVETTED. LAUNCH POSITIONS 1, 4, AND 5 ARE OCCUPIED BY PROBABLE SA-2 LAUNCHERS; POSITION 2 BY A LAUNCHER WITH AN UNIDENTIFIED MISSILE; POSITION 3 BY A LAUNCHER WITH A GUIDELINE-TYPE MISSILE, AND POSITION 7 BY AN UNIDENTIFIED LAUNCHER. POSITION 6 IS UNOCCUPIED. EQUIPMENT IN THE CENTRAL GUIDANCE AREA INCLUDES 2 FAN SONG RADARS, 2 TRUCKS, AND 13 VANS. JUST EAST OF LAUNCH POSITION 6 ARE A PROBABLE SA-2 LAUNCHER AND A GUIDELINE-TYPE MISSILE. CLOSER TO THE NE SITE BOUNDARY ARE 2 GUIDELINE-TYPE MISSILES (1 DRAPED), AN UNIDENTIFIED PIECE OF EQUIPMENT, 10 PROBABLE SA-2 LAUNCHERS, 6 VANS, AND A NUMBER OF SETS OF BOGIE WHEELS. THE SPOON REST RADAR REMAINS POSITIONED BETWEEN LAUNCH SITES 1 AND 2.

LAUNCH SITE 2 -- THE 6 LAUNCH POSITIONS REMAIN UNRETTED AND UNOCCUPIED. MOBILE EQUIPMENT IN THE CENTRAL GUIDANCE AREA CONSISTS OF A FAN SONG RADAR, 6 VANS, AND 1 UNIDENTIFIED PIECE OF EQUIPMENT. ONE VEHICLE IS OBSERVED ON THE ACCESS ROAD TO THE SITE AND SEVERAL AT THE ENTRANCE TO THE LAUNCH AREA. WITHIN A SEPARATELY FENCED AREA ALONG THE EAST BOUNDARY EAST OF SITE 2 ARE 12 VEHICLES/PIECES OF EQUIPMENT AND A CHERRY PICKER OR CRANE.

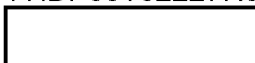
SITE SUPPORT FACILITY (FORMERLY REPORTED AS ELECTRONIC SITE A) -- NO SIGNIFICANT CHANGE IN FACILITIES SINCE [REDACTED] AN UNDETERMINED NUMBER OF VEHICLES/PIECES OF EQUIPMENT OBSERVED. MOVEMENT OF EQUIPMENT HAS TAKEN PLACE SINCE [REDACTED] NOTHING ELECTRONIC IN NATURE CAN BE IDENTIFIED AT THE FACILITY.

LAUNCH SITE 3 -- THE 6 POSITIONS OF SITE 3 ARE OCCUPIED BY RAIL-TYPE LAUNCHERS. FORMER POSITION 6, UNOCCUPIED BY A LAUNCHER, CAN BE CLEARLY SEEN ON THIS MISSION. TWO PROBABLE DOLLIES ARE OBSERVED AT POSITIONS 1, 5, AND 6 AND 1 IS PRESENT AT POSITION 2. THE LARGE ENVIRONMENTAL SHELTERS OCCUPYING THE LEG EXTREMITIES AT POSITIONS 3 AND 4 APPEAR TO BE CONNECTED BY A STRUCTURE OR DRAPE. TWO ADDITIONAL APPENDAGES OR POSSIBLE CRATES EXTEND FROM 1 OF THE SHELTERS ON POSITION 4. AN UNIDENTIFIED PIECE OF EQUIPMENT IS POSITIONED JUST SOUTH OF THESE SHELTERS AT POSITION 3. AT POSITION 5 AN OBJECT ABUTS 1 OF THE PROBABLE DOLLIES. THE CENTRAL CONTROL AREA IS OCCUPIED BY 4 VANS. THE OLD LAUNCH POSITIONS CONSIST OF A SQUARE LAUNCH POINT AND A FORKED PATTERN WITH LEGS OF VARYING WIDTHS. JUST NORTH OF

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POSITION 3 ARE 2 UNIDENTIFIED MISSILES, POSSIBLY WITH FINS, 1 APPROXIMATELY [REDACTED] THE OTHER APPROXIMATELY [REDACTED] AND ONLY PARTIALLY ASSEMBLED. PARKED IN THE SAME AREA ARE 15 RAIL-TYPE LAUNCHERS, A PROBABLE MISSILE TRANSPORTER (APPROXIMATELY [REDACTED] LONG), BOGIE WHEELS, AND 9 ADDITIONAL PIECES OF EQUIPMENT/OBJECTS.

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LAUNCH SITE 4 -- ALL POSITIONS ARE OCCUPIED BY RAIL-TYPE LAUNCHERS EXCEPT POSITION 3 WHICH DOES NOT APPEAR TO BE OCCUPIED. TWO PROBABLE DOLLIES OR PIECES OF SUPPORT EQUIPMENT ARE OBSERVED AT THE ENDS OF THE FORKED PATTERNS AT POSITIONS 1 AND 3, AND 1 AT POSITIONS 2, 4, AND 5. AN ADDITIONAL PIECE OF EQUIPMENT IS FOUND AT THE APEX OF THE FORK AT POSITIONS 1 THROUGH 4. POSITION 6, WHICH IS THE ONLY 1 TO LACK THE FORKED PATTERN, HAS 2 PIECES OF SUPPORT EQUIPMENT NEAR THE LAUNCHER. SIX VANS OCCUPY THE CENTRAL CONTROL AREA. TWO POSSIBLE VANS, EACH APPROXIMATELY [REDACTED] LONG, CAN BE SEEN ON THE ROAD ENCIRCLING THE CENTRAL AREA.

25X

ELECTRONIC SITE B -- THE NORTHERNMOST RADAR POSITION REMAINS UNOCCUPIED AS ON [REDACTED] THE OTHER 2 POSITIONS ARE OCCUPIED BY THE UNIDENTIFIED RADARS OBSERVED ON [REDACTED] AND BY 3 VANS EACH. SIX VANS ARE NOTED IN THE CONTROL CENTER. TWENTY-TWO VEHICLES/VANS ARE PARKED IN THE AREA JUST EAST OF THE RADAR POSITIONS.

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LAUNCH SITE 5 -- ACTIVITY HAS TAKEN PLACE AT THE SITE SINCE [REDACTED] INCLUDING THE MOVEMENT OF EQUIPMENT NEAR THE LAUNCH POINTS AND OF 1 LONG PIECE OF EQUIPMENT TO THE REAR OF THE MISSILE-READY BUILDING. THIS BUILDING REMAINS UNCHANGED EXTERNALLY. THE BOOM-TYPE ARMS OBSERVED ON THE GROUND ON [REDACTED] REMAIN IN THE SAME POSITION AT THE CENTRAL AND SOUTHERN POSITIONS AND POSSIBLY AT THE NORTHERN POSITION. PEDESTALS APPEAR TO HAVE BEEN REMOVED FROM THE 3 LAUNCH POINTS. A PROBABLE CABLELINE NOT VISIBLE ON [REDACTED] EXTENDS FROM THE MISSILE-READY BUILDING TO THE AREA OF THE NORTHERN LAUNCH POINT.

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LAUNCH SITE 6 -- THE MISSILE-READY BUILDING APPEARS UNCHANGED SINCE [REDACTED] THE BOOM-TYPE ARM OBSERVED ON THE GROUND AT THE NORTHERN LAUNCH POINT ON [REDACTED] HAS DISAPPEARED. THE PRESENCE OF THE 1 AT THE SOUTHERN LAUNCH POINT CANNOT BE DETERMINED. PEDESTALS HAVE BEEN REMOVED FROM BOTH LAUNCH POINTS. A

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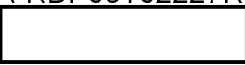
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NUMBER OF SMALL PIECES OF EQUIPMENT AND A VEHICLE ARE ALL THAT REMAIN OF MOBILE EQUIPMENT AT THE SITE. SINCE [REDACTED] A NEW ROAD HAS BEEN CONSTRUCTED PARALLELING CLOSELY THE FENCELINE ALONG THE EASTERN HALF OF THE SITE AND JUST INSIDE THE INNER FENCE. A NUMBER OF NEW CABLELINES AND TRENCHES HAVE BEEN CONSTRUCTED AT THE SITE SINCE [REDACTED] INCLUDING A PROBABLE CABLE SCAR EXTENDING JUST WEST TO THE N/S CABLE WHICH RUNS FROM THE MAIN COMPLEX SUPPORT AREA TO ELECTRONIC SITE C.

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ELECTRONIC SITE C -- NO SIGNIFICANT CHANGE IN FACILITIES AT THE CONTROL CENTER SINCE [REDACTED] AT THE ELECTRONIC POSITION 800 FT NW OF THE CONTROL CENTER, THE 50-FOOT DOME REMAINS DOWN AND THE SMALL BACK-TO-BACK RADAR REMAINS EXPOSED WITHIN THE RING FRAME. THE LARGE BACK-TO-BACK RADARS AT THE SW AND NE OUTRIGGERS HAVE BEEN DISMANTLED SINCE [REDACTED] [REDACTED] THE SW RADAR HAS BEEN PRESENT SINCE AT LEAST [REDACTED] [REDACTED] AND THE NE RADAR WAS UNDER CONSTRUCTION IN [REDACTED] THE RING FRAME, APPROXIMATELY 30 FT IN DIAMETER, CAN BE SEEN AT BOTH SITES. COMPONENTS OF THE RADAR ARE OBSERVED ON THE GROUND NEARBY, INCLUDING THE 2 LARGE DISHES, EACH APPROXIMATELY 50 X 65 FT, AND A SMALLER DISH AT EACH SITE. FOUR CRATES OBSERVED AT EACH SITE ARE APPROXIMATELY [REDACTED] THE CONTROL BUILDING IN EACH CASE REMAINS EXTERNALLY COMPLETE. THE CABLE TRENCH FROM THE BACK NET/SIDE NET SITE EAST OF THE MISSILE STORAGE AND CHECKOUT AREA DOES NOT ENTER THE NE OUTRIGGER. SINCE [REDACTED] THIS CABLE TRENCH HAS BEEN EXTENDED TO THE PRINCIPAL CONTROL BUILDING. SOME OF THE CRATES FIRST OBSERVED ON [REDACTED] REMAIN AT THE NE OUTRIGGER.

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ELECTRONIC SITE D -- NO APPARENT CHANGE SINCE [REDACTED]  
[REDACTED]

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ELECTRONIC SITE E -- JUST NORTH OF THE HEADQUARTERS AND ADMINISTRATION AREA WHERE 2 TOWN AND A ROCK CAKE RADAR WERE PREVIOUSLY OBSERVED, THERE ARE NOW 2 BAR LOCK RADARS AND 1 ROCK CAKE/STONE CAKE RADAR. APPROXIMATELY 25 SUPPORTING VANS/VEHICLES ARE PARKED NEARBY.

ELECTRONIC SITE F -- FACILITIES REMAIN ESSENTIALLY UNCHANGED SINCE [REDACTED] EXCEPT FOR THE DISAPPEARANCE OF THE SUSPECT HEIGHT FINDER RADAR FIRST IDENTIFIED ON [REDACTED]

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ELECTRONIC SITE G (TALL KING FACILITY) -- NO APPARENT

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[REDACTED]

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[REDACTED]

[REDACTED]

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CHANGE SINCE [REDACTED]

MISSILE STORAGE AND CHECKOUT AREA -- NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] NINE CRATES ARE ALONG THE EAST SITE BOUNDARY AND 9 CRATES ARE ON THE CENTRALLY LOCATED APRON. TWO POSSIBLE CANISTERS ARE SEEN ON THE APRON ADJOINING THE SOUTHERNMOST DRIVE-THROUGH BUILDING. TRACKS CAN BE IDENTIFIED SERVING THE WESTERNMOST DRIVE-THROUGH BUILDING. AN UNIDENTIFIED MISSILE, APPROXIMATELY [REDACTED] WITH FINS, IS OBSERVED ON AN APRON NEAR THE NORTH BOUNDARY. A PROBABLE LAUNCHER AND 5 PIECES OF UNIDENTIFIED EQUIPMENT ARE ALSO OBSERVED.

SAM ON-SITE SUPPORT FACILITY -- CONSTRUCTION CONTINUES ON THE NEW BUILDING (165 X 50 FT).

PROBABLE LONG RANGE SAM COMPLEX 2 -- AT SITE A, THE 6 LAUNCH POSITIONS ARE OCCUPIED BY RAIL-TYPE LAUNCHERS. A PROBABLE DOLLY IS POSITIONED AT THE END OF EACH OF THE 2 LEGS SERVING EACH POSITION. ALL 6 LAUNCH POSITIONS AT SITE B ARE OCCUPIED BY RAIL-TYPE LAUNCHERS. A DARK, BULKY OBJECT, APPROXIMATELY [REDACTED] LONG, ABUTS THE SOUTH END OF THE LAUNCHER AT POSITION B-2. THERE IS NO EVIDENCE OF THE FORKED PATTERN APPEARING AT THIS SITE. THE PROBABLE MISSILE OBSERVED AT POSITION B-6 ON [REDACTED] AND THE POSSIBLE MISSILE COMPONENT OBSERVED AT POSITION B-1 ON [REDACTED] DO NOT APPEAR TO BE PRESENT. OCCUPANCY OF THE CENTRAL REVETTED POSITIONS AT THE 2 SITES CANNOT BE DETERMINED. PILES OF A DARK MATERIAL, PROBABLY FOR SURFACING, ARE OBSERVED AT BOTH SITES. THE 2 UNIDENTIFIED RADAR CAN BE SEEN THROUGH HAZE IN THE ASSOCIATED ELECTRONIC SITE. THE NORTHERNMOST OF THE 2 IS STILL ENCIRCLED BY A RING FRAME WITH NO DOME DISCERNIBLE.

NO SIGNIFICANT CHANGE IS OBSERVED IN THE BACK NET/SIDE NET SITE 7,000 FT EAST OF THE MISSILE STORAGE AND CHECKOUT AREA SINCE [REDACTED] THE ONLY EVIDENCE OF ACTIVITY DURING THIS TIME AT THE 2 UNIDENTIFIED AREAS JUST EAST OF THIS ELECTRONIC SITE IS MINOR EARTH SCRAPING IN THE SOUTH AREA.

AIRSTRIIP -- NO APPARENT CHANGE IN FACILITIES SINCE [REDACTED] NO AIRCRAFT OBSERVED.

PHOTOGRAPHIC REFERENCES FOR SIGNIFICANT ITEMS ON PASS [REDACTED]

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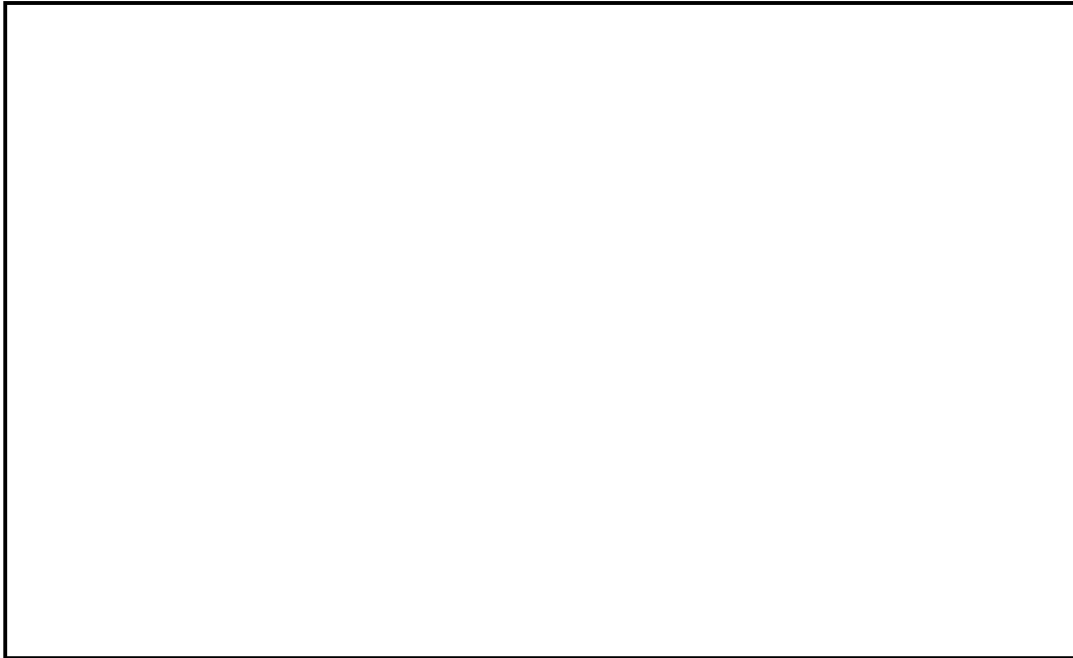


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SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX CH 4102N 10030E



25X

LAUNCH SITE A -- 3 UNOCCUPIED SCORPION-TYPE LAUNCHERS OBSERVED IN LAUNCH POSITION, 6 VAN TRUCKS, 3 ELECTRONIC VANS, AND A FAN SONG GUIDANCE RADAR WITH AT LEAST 1 DISH ARE IN CENTRAL GUIDANCE AREA. FOUR UNIDENTIFIED VEHICLES, 1 SCORPION-TYPE LAUNCHER, 3 SETS OF BOGIE WHEELS, 5 UNOCCUPIED MISSILE TRANSPORTERS, AND 1 OCCUPIED CANVAS-COVERED MISSILE TRANSPORTER WITHOUT A PRIME MOVER OBSERVED IN THE REVETTED MISSILE-HOLD POSITION. APPROXIMATELY 400 FT SW OF THE CENTER OF LAUNCH SITE A IS A PROBABLE FAN SONG GUIDANCE SUPPORT UNIT CONSISTING OF 5 VAN TRUCKS, 3 ELECTRONIC VANS, AND 2 POSSIBLE GENERATOR VANS.

LAUNCH SITE B -- 3 UNOCCUPIED SCORPION-TYPE LAUNCHERS ARE IN LAUNCH POSITIONS. A FAN SONG GUIDANCE RADAR WITH AN UNDETERMINED NUMBER OF DISHES AND A BUILDING ARE IN THE CENTRAL GUIDANCE AREA. FOUR SETS OF BOGIE WHEELS, 1 UNOCCUPIED MISSILE TRANSPORTER, 1 MISSILE TRANSPORTER OCCUPIED BY A PROBABLE GUIDE-LINE MISSILE, AND 1 OCCUPIED, CANVAS-COVERED, MISSILE TRANSPORTER WITHOUT A PRIME MOVER ARE IN THE MISSILE-HOLD POSITION.

LAUNCH SITE C (FIRST IDENTIFIED IN   
 -- 6 UNREVETTED, UNOCCUPIED LAUNCH POSITIONS.

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MISSION 4028 14-20 MAY 66

INSTRUMENTATION SITES 2 AND 4 AND EARLY WARNING SITE 1 SHOW NO SIGNIFICANT CHANGE.



ZAGORSK ROCKET ENG TEST FAC KRASNOZAVODSK UR 5625N 03810E



THE BEST STEREO PHOTOGRAPHY TO DATE REVEALS SEVERAL PREVIOUSLY UNIDENTIFIED FEATURES AND CONSIDERABLE DETAILS OF PREVIOUSLY IDENTIFIED FEATURES. A HORIZONTAL TEST BUILDING CONTAINING 2 TEST CELLS IS IDENTIFIED BETWEEN TEST STANDS NO 1 AND NO 4, AND A SMALL TEST POSITION IS IDENTIFIED IMMEDIATELY EAST OF TEST STAND NO 3. BOTH OF THESE STRUCTURES WERE UNDER CONSTRUCTION IN [REDACTED] AND COMPLETED BY [REDACTED]

THE PREVIOUSLY OBSERVED POSSIBLE TEST SITE UNDER CONSTRUCTION LOCATED IN THE EASTERN PORTION OF THE FACILITY CAN NOW BE SEEN TO CONTAIN A CENTRALLY LOCATED ROW OF SMALL, SPHERICAL TANKS. OVERHEAD PIPELINES RADIATE FROM THESE TANKS TO 6 BUILDINGS, 2 OF WHICH ARE IDENTIFIED AS MASSIVE POSSIBLE MULTIPLE POSITION TEST BUILDINGS UNDER CONSTRUCTION, AND ALSO TO A LARGE SUSPECT LIQUID HYDROGEN PRODUCTION BUILDING. A LARGE TRANSFORMER YARD, FORCED DRAFT COOLING TOWER, LARGE GAS HOLDER, AND A LIQUID STORAGE TANK ARE NEARBY.

NO CURRENT TEST ACTIVITY IS VISIBLE AT THE 4 VERTICAL TEST STANDS. NINE SMALL RAIL CARS (1 OF WHICH IS ABSENT ON THE EARLIEST PASS) ARE ON THE LARGE RAMP LEADING TO TEST STAND NO 1. FOUR CYLINDRICAL OBJECTS APPROXIMATELY [REDACTED] ARE ALSO LOCATED ON THE RAMP NEAR THE LARGE CHECKOUT/ASSEMBLY BUILDING. ANOTHER CYLINDRICAL OBJECT APPROXIMATELY 40 FT LONG IS ON A RAIL SPUR NEAR A HIGH BAY SUPPORT BUILDING. AN AIR LIQUEFACTION PLANT IS IDENTIFIED IMMEDIATELY SOUTH OF THE CHECKOUT/ASSEMBLY BUILDING. NUMEROUS RAIL CARS, VEHICLES, AND PIECES OF EQUIPMENT ARE SCATTERED THROUGHOUT THE FACILITY. CONSTRUCTION IS CONTINUING IN THE HOUSING AREA AND THE POSSIBLE TEST SITE.

(SEE ATTACHMENT)

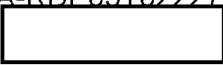


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CHI-LIN SUSPECT MISSILE PRODUCTION & R&D CH 4357N 12634E

NO EVIDENCE CONFIRMING MISSILE R&D OR PRODUCTION ACTIVITY.

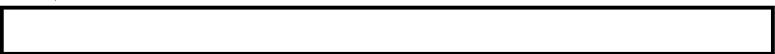


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HU-HO-HAO-TE SUSPECT PROPULSION FACILITY CH 4044N 11158E

IDENTIFICATION ONLY.



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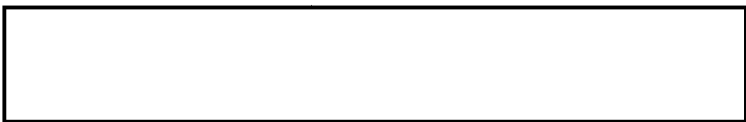
GUBA LITSA SUBMARINE BASE

UR 6926N 03224E

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR NUCLEAR STORAGE AREAS OBSERVED.

OB -- [REDACTED] -- 8 E-II-CLASS SSGN, 3 N-CLASS SSN, 1 G-CLASS SSB, 1 J-CLASS SSG, 2 UGRA-CLASS AS, 3 BOLVA-CLASS APL, AND NUMEROUS SMALL CRAFT AT PIER AREAS, 1 H-CLASS SSBN AND 6 SMALL SUPPORT VESSELS AT SMALL SUPPORT AREA NORTH OF MAIN PIER AREA, AND 1 J-CLASS SSG MOORED OFFSHORE.

OB -- [REDACTED] -- 7 E-II-CLASS SSGN, 1 E-CLASS SSGN, 1 POSSIBLE E-CLASS SSGN, 4 N-CLASS SSN, 1 POSSIBLE J-CLASS SSG, 1 UNIDENTIFIED POSSIBLE SS, 2 UGRA-CLASS AS, 3 BOLVA-CLASS APL, AND NUMEROUS SMALL CRAFT AND 1 AUXILIARY AND SEVERAL UNIDENTIFIED VESSELS AT SUPPORT AREA.



25X

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GUBA LITSA NAVAL MISSILE STORAGE

UR 6925N 03226E

NO MISSILES, MISSILE-RELATED EQUIPMENT, NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



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[REDACTED]

**TOP SECRET**

[REDACTED]

[REDACTED]

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GUBA MOTKA NAVAL BASE

UR 6940N 03210E

[REDACTED]

OB -- [REDACTED] -- NONE OBSERVED.

OB -- [REDACTED] -- OSA-CLASS PTFG UNDERWAY AT APPROXIMATELY 69-37N 032-11E.

[REDACTED]

IOKANGA NAVAL BASE AND SHIP REPAIR YARD

UR 6804N 03932E

[REDACTED]

OB -- [REDACTED] -- 1 N-CLASS SSN, 1 R/W-CLASS SS, 2 RIGA-CLASS DE, 2 KRONSHADT-CLASS PC, 5 UNIDENTIFIED AUXILIARIES, 1 UNIDENTIFIED VESSEL, AND NUMEROUS SMALL CRAFT.

[REDACTED] -- 1 N-CLASS SSN, 2 R/W-CLASS SS (SUBMARINE PIER IS CLOUD COVERED), 1 RIGA-CLASS DE, 1 KRONSHADT-CLASS PC, 1 DNEPR-CLASS AR, 1 UNIDENTIFIED AO, 1 UNIDENTIFIED AUXILIARY, 1 UNIDENTIFIED VESSEL, AND NUMEROUS SMALL CRAFT.

[REDACTED] -- 1 N-CLASS SSN, 6 R/W-CLASS SS, 1 RIGA-CLASS DE, 1 KRONSHADT-CLASS PC, 1 DNEPR-CLASS AR, 2 UNIDENTIFIED AUXILIARIES, 1 UNIDENTIFIED VESSEL, AND NUMEROUS SMALL VESSELS.

NO SIGNIFICANT CHANGE OBSERVED.

[REDACTED]

VLADIMIR SUBMARINE BASE

UR 4355N 13528E

[REDACTED]

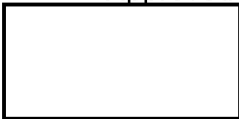
[REDACTED]

ARE CUT INTO A HILLSIDE. TWO LARGE AND 2 SMALLER BUILDINGS ARE IN THE IMMEDIATE AREA. FOUR BUNKERS AND AT LEAST 2 UNDERGROUND ENTRANCES ARE LOCATED BETWEEN THIS FACILITY AND THE OPERATIONS SUPPORT AREA. THE

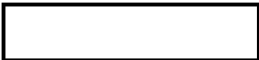
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[REDACTED]

[REDACTED]



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MISSION 4028 14-20 MAY 66

SECURITY ALONG THIS AREA VARIES. SOME AREAS ARE PROTECTED BY A FENCE AND OTHERS BY A SMALL EARTH MOUND BETWEEN THE BUNKERS AND A DITCH PARALLELING THE ROAD.

NO OTHER CHANGES IN FACILITIES OBSERVED.

OB -- 1 R/W SS, 1 L-II OSS, 1 SHCH-V OSS AGROUND, 1 S-I-CLASS YFP CONVERSION, 1 T-43 MSF, AND 1 KRONSTADT-CLASS PC.

OB AT THE PORT FACILITY -- 3 T-43 MSF, 2 PROBABLE KRONSTADT-CLASS PC, 1 PROBABLE YO, AND 1 TUG.



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KALININGRAD SUSP NAVAL MISSILE STORAGE UR 5450N 02028E

NO APPARENT CHANGE SINCE [REDACTED] THE CAUSE OF THE GROUND SCARRING REPORTED ON [REDACTED] IS UNDETERMINED.

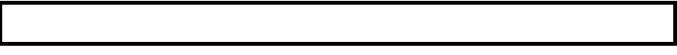


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KALININGRAD PORT FACILITIES EAST UR 5442N 02029E

KALININGRAD PORT FACILITIES EAST. NO APPARENT CHANGE SINCE [REDACTED] OB -- NONE OBSERVED.

KALININGRAD STATE SHIPYARD 820 -- NO APPARENT CHANGES IN FACILITIES. OB -- 6 PROBABLE MIRKA-CLASS PCE, 6 PROBABLE MIRKA/PETYA-CLASS PCE, 9 STACK AFT CARGO VESSELS, 8 PROBABLE FISH-FACTORY VESSELS, AND 2 PROBABLE MERCHANT UNDER CONSTRUCTION.



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GUBA URA NAVAL BASE UR 6920N 03249E

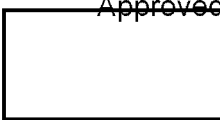
NO APPARENT CHANGE IN FACILITIES. OB -- [REDACTED] -- 27 W/R-CLASS SS, 1 DON-CLASS AS, 1 WILHELM BAUER-CLASS ASL, 2 SMALL AUXILIARIES, AND NUMEROUS SMALL CRAFT. OB -- [REDACTED] -- 26 W/R-CLASS SS (1 IN TRANSPORTER DOCK AND 1 OFFSHORE), 1 DON-CLASS AS, AND 1 WILHELM

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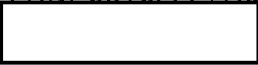
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MISSION 4028 14-20 MAY 66

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BAUER-CLASS ASL.



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GUBA ARA NAVAL BASE

UR 6922N 03247E



25X

OB -- [REDACTED] -- 1 G-CLASS SSB ANCHORED IN BAY, 1 PROBABLE SKORYY-CLASS DD, 2 T-43-CLASS MSF, AND 2 PROBABLE KRONSHADT AT BASE.

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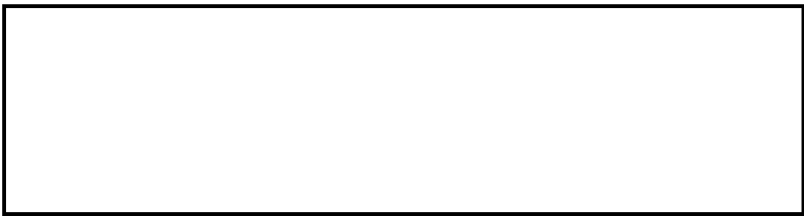
OB -- [REDACTED] -- 1 G-CLASS SSB IN BAY. BASE IS CLOUD-COVERED.

25X

OB -- [REDACTED] -- 1 G-CLASS SSB ANCHORED IN BAY, 1 DD, AND 6 SURFACE VESSELS AT BASE.

25X

NO EVIDENCE OF MISSILE OR NUCLEAR WARHEAD FACILITIES.



25X

SOVETSKAYA GAVAN SUBMARINE BASE

UR 4902N 14016E



25X

OB -- [REDACTED] -- AT SUBMARINE BASE -- 8 PROBABLE R/W-CLASS SS AND 1 POSSIBLE SHCH IV. AT SHIPYARD -- 2 SKORYY-CLASS DD, 1 RIGA-CLASS DE, 1 YAGT, AND NUMEROUS SMALL VESSELS. AT PT BASE -- 6 KOMAR-CLASS PTG, 1 P-6-CLASS PT, 2 POSSIBLE KOMAR-CLASS PTG WITHOUT LAUNCHERS ON QUAY, AND 4 P-4-CLASS PT. AT DESTROYER BASE -- 1 SVERDLOV-CLASS CL, 3 SKORYY-CLASS DD, 4 RIGA-CLASS DE, 2 T-43-CLASS AGRL, AND 1 PROBABLE LIBAU-CLASS AGRL. AT POL WHARF -- 2 SKORYY-CLASS DD, 1 RIGA-CLASS DE, AND 3 KRONSHADT-CLASS P-6.

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NO APPARENT CHANGE IN FACILITIES. NO EVIDENCE OF NUCLEAR OR MISSILE STORAGE/HANDLING FACILITIES.



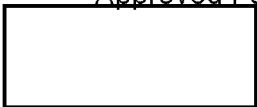
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MISSION 4028 14-20 MAY 66



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**PECHENGA NAVAL BASE LINAKHAMARI**

UR 6939N 03122E



25X

OB -- [ ] -- 1 MEDIUM COMBATANT, 3 T-58-CLASS MSF, AND 14 T-43-CLASS MSF.

25X

OB -- [ ] -- 3 T-58-CLASS MSF, 14 T-43-CLASS MSF, 8 P-6-CLASS PT, AND 1 PROBABLE ATREK-CLASS ASL.

25X

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

**KRONSHADT NAVAL BASE AND SHIPYARD**

UR 5959N 02947E



25X

OB -- [ ] -- 8 MEDIUM SS, 3 SMALL SS, 3 POSSIBLE SS, 1 CL, 2 DD, AND NUMEROUS UNIDENTIFIED VESSELS.

25X

OB -- [ ] -- 7 MEDIUM SS, 3 SMALL SS, 3 POSSIBLE SS, 1 CL, 2 DD, 1 LARGE COMBATANT, AND NUMEROUS UNIDENTIFIED VESSELS.

25X

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

**MOSCOW SUSPECT ABM AREA**

UR 5545N 03737E



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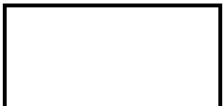
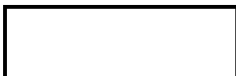
FOLLOWING PORTIONS OF SEARCH AREA COVERED BY PHOTOGRAPHY -- NE QUADRANT -- 3 PASSES, COVERING AREAS OF APPROXIMATELY 20 X 10 NM, 35 X 11 NM, AND 35 X 10 NM. SE QUADRANT -- 2 PASSES, COVERING AREAS OF APPROXIMATELY 35 X 13 NM AND 28 X 11 NM. SW QUADRANT -- 1 INTERPRETABLE PASS COVERING AN AREA OF APPROXIMATELY 22 X 10 NM.

SEE MISSILE BONUS FOR DETAILS OF PROBABLE ABM LAUNCH COMPLEXES UNDER CONSTRUCTION AT MOSCOW SAM SITES E03-1 AND E24-1 AND IDENTIFICATION OF POSSIBLE GALOSH MISSILES AT MOSCOW SAM STORAGE SITE NO 3. NO ADDITIONAL SARY-SHAGAN OR LENINGRAD-TYPE INSTALLATIONS, ELECTRONICS FACILITIES, OR NUCLEAR WEAPONS STORAGE POSSIBLY RELATED TO ABM DEPLOYMENT OBSERVED.

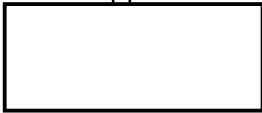
NO APPARENT CHANGE SINCE [ ] AT SA-1 SAM SITES C10-1, C14-1, C16-1, C17-1, C24-1, C25-1,

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E01-1, E02-1, E04-1, AND E23-1.



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MOSCOW SAM SITE E24-1

UR 5521N 03629E

NO SIGNIFICANT CHANGE IS OBSERVED IN THE SA-1 GUIDANCE OR SUPPORT AREAS. APPROXIMATELY 11 PROBABLE GUID MISSILES ARE OBSERVED IN THE SA-1 LAUNCH AREA. (SEE OAK BONUS FOR DETAILS OF PROBABLE ABM LAUNCH COMPLEX UNDER CONSTRUCTION.)



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LENINGRAD PROB LR SAM LCH CPLX SEARCH

UR 5955N 03020E

CENTER AND NW SECTORS OF THE 40-NM-RADIUS SEARCH AREA COVERED. NO NEW OR PREVIOUSLY UNREPORTED MISSILE ACTIVITY OR ELECTRONICS FACILITIES OBSERVED.

NONE OF THE KNOWN LAUNCH COMPLEXES IS COVERED ON THIS MISSION.



25X

NIZHNYAYA TURA PROB LONG RANGE SAM LCH CPL UR 5846N 05954E

NO PROGRESS IS DISCERNIBLE AT EITHER THE LAUNCH SITES OR THE ELECTRONICS SITE. NO MISSILE OR MISSILE-RELATED EQUIPMENT OBSERVED.



25X

25X

MOSCOW SAM SITE E03-1

UR 5622N 03811E

BONUS 1

NO SIGNIFICANT CHANGE OBSERVED IN THE SA-1 GUIDANCE OR SUPPORT AREAS. APPROXIMATELY 10 PROBABLE GUID

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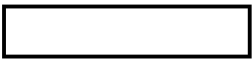
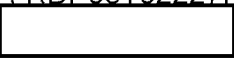


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MISSION 4028 14-20 MAY 66

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MISSILES OBSERVED IN THE SA-1 LAUNCH AREA. (SEE MISSILE BONUS FOR DETAILS OF PROBABLE ABM LAUNCH COMPLEX UNDER CONSTRUCTION.)

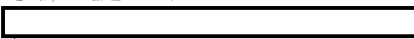


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MOSCOW PROBABLE ABM LAUNCH COMPLEX (POSS) UR 5622N 03811E BONUS 2

42 NM NNE OF MOSCOW AND CO-LOCATED WITH MOSCOW SAM SITE E03-1.

NEW SCARRING EAST OF THE SA-1 LAUNCH AREA MAY REPRESENT THE PRELIMINARY CONSTRUCTION FOR A PROBABLE ABM LAUNCH COMPLEX. THE SCARRING, WHICH WAS NOT EVIDENT ON

 CONSISTS OF 2 PARALLEL LINEAR TRACES THROUGH THE WOODS PERPENDICULAR TO THE LONG AXIS OF THE SA-1 LAUNCH AREA. ON THE WEST TRACE, WHICH IS THE MORE PROMINENT OF THE 2, THERE IS 1 RECTANGULAR CLEARING ALONG THE EAST SIDE NEAR THE SOUTH END AND ANOTHER AT THE NORTH END. NORTHEAST OF THE FIRST CLEARING ARE UNIDENTIFIED PIECES OF EQUIPMENT/STRUCTURES IN A SMALLER CLEARING ADJACENT TO THE EASTERN LINEAR TRACE. THIS ACTIVITY IS APPARENTLY NOT ROAD-CONNECTED WITH SAM SITE E03-1, BUT IS SERVED BY A NEWLY CONSTRUCTED BRANCH ROAD FROM THE HIGHWAY LEADING TO THE ZAGORSK ROCKET ENGINE TEST FACILITY. A BUILDING IS UNDER CONSTRUCTION ON THE NORTH SIDE OF THE BRANCH ROAD.

25X

IN THE ASSOCIATED SA-1 SUPPORT AREA ARE 3 MULTISTORY APARTMENT-TYPE BUILDINGS. THIS TYPE OF BUILDING HAS ALSO BEEN OBSERVED IN THE SUPPORT AREAS AT THE PROBABLE ABM LAUNCH COMPLEXES UNDER CONSTRUCTION AT MOSCOW SAM SITES E05-1, E15-1, E24-1, E31-1, AND E33-1.

(SEE ATTACHMENT)



25X

MOSCOW SAM STORAGE SITE 3 UR 5519N 03754E BONUS 3

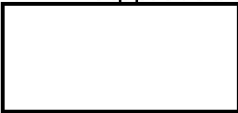
NO SIGNIFICANT CHANGE IS OBSERVED IN PERMANENT FACILITIES. TWO POSSIBLE GALOSH MISSILES ARE LOCATED ON A HARDSTAND BETWEEN 2 STORAGE BUILDINGS IN THE

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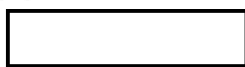


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MISSION 4028 14-20 MAY 66



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SOUTHERN PORTION OF THE SITE. IMMEDIATELY SOUTH OF THE POSSIBLE GALOSH MISSILES ARE 4 POSSIBLE MISSILE DOLLIES MEASURING APPROXIMATELY [REDACTED] IN LENGTH. FIFTEEN GUILD MISSILES AND APPROXIMATELY 100 SA-1 TRANSPORTERS CAN BE OBSERVED AT VARIOUS POINTS THROUGHOUT THE SITE.

25X

(SEE ATTACHMENT)



25X

MOSCOW PROBABLE ABM LAUNCH COMPLEX

UR 5521N 03629E

BONUS 4

45 NM SW OF MOSCOW AND CO-LOCATED WITH MOSCOW SAM SITE E24-1. AT TRIAD 1, A SOLID PARABOLIC DISH 60 FT IN DIAMETER IS ON THE GROUND NEAR THE SSE CORNER OF TRIAD BUILDING A. THE CAPPING SECTION HAS BEEN PLACED ON THE SPHEROIDAL-SHAPED SHELTER. THE LARGE CRANE IS STILL IN POSITION AT THE REAR OF THE BUILDING. NO SIGNIFICANT CHANGE IS OBSERVED AT TRIAD BUILDINGS B AND C. AT TRIAD 2, RINGS ENCOMPASSING THE PROBABLE RADAR PEDESTALS ARE DISCERNIBLE ON THE ROOFS OF BUILDINGS A AND B. A WING STRUCTURE IS UNDER CONSTRUCTION AT EACH OF THE SW CORNERS OF TRIAD BUILDING A,

THE EARTH-MOUNDED T-SHAPED BUILDING BETWEEN TRIAD 1 AND TRIAD 2 IS NOW IDENTIFIED AS A [REDACTED]. IT IS SURROUNDED BY A POSSIBLE FENCE, WITH A POSSIBLE GUARDHOUSE AT THE ENTRANCE.

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CONSTRUCTION APPARENTLY HAS NOT STARTED ON THE LAUNCH POSITIONS.

(SEE ATTACHMENT)



25X

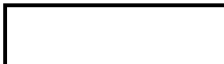
LUTSK MRBM COMPLEX SAM SITE

UR 5042N 02516E

BONUS 5

10 NM SSE OF LUTSK MRBM COMPLEX AT 50-42-30N 025-16-40E. SITE LOCATED IN AN OLD FORT CONTAINS 2 REVETTED UNOCCUPIED LAUNCH POSITIONS, 1 REVETTED UNOCCUPIED CENTRAL GUIDANCE POSITION, AND 2 REVETTED UNOCCUPIED HOLD POSITIONS.

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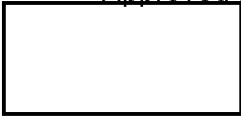
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**Air  
Facilities**



**TOP SECRET**  
MISSION 4028 14-20 MAY 66



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AIR FACILITIES

RAMENSKOYE FLIGHT TEST CENTER

UR 5533N 03808E



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OB -- 1 PROBABLE NEW GENERATION AIRCRAFT [REDACTED] WITH A 40-FT WING SPAN AND A FUSELAGE DIAMETER OF APPROXIMATELY [REDACTED] AIRCRAFT APPEARS SIMILAR TO THE YAK-25 SERIES BUT WITH 2 PROBABLE INTERNALLY MOUNTED ENGINES. ONE PREVIOUSLY REPORTED NEW GENERATION AIRCRAFT [REDACTED] WITH A 30-FT WING SPAN. AIRCRAFT HAS A HIGH DELTA-WING WITH 2 PROBABLE INTERNALLY MOUNTED ENGINES WITH AIR INTAKES FORWARD OF THE WING LEADING EDGE. SCAFFOLDING OVER REAR PART OF FUSELAGE PRECLUDES DETERMINING WHETHER THE TAIL ASSEMBLY IS ATTACHED TO THE MAIN FUSELAGE. AIRCRAFT DOES NOT APPEAR TO BE OF THE SAME TYPE AS THE NEW AIRCRAFT REPORTED ON [REDACTED] AT NOVOSIBIRSK AIRFIELD WEST, [REDACTED] ALSO OBSERVED ARE 2 PROBABLE V/STOL AIRCRAFT, 1 BOUNDER, 1 BEAR, 6 BISON, 10 BLINDER, 14 BADGER, 7 BEAGLE, 5 FIDDLER, 19 FISHPOT, 8 FITTER, 11 FISHBED, 16 FIREBAR-TYPE, 5 FARMER, 3 FLASHLIGHT, 1 FRESCO, 2 FAGOT (1 WITHOUT TAIL ASSEMBLY), 1 FAGOT/FRESCO, 1 MANDRAKE, 1 CLASSIC, 1 CLEAT, 1 COOKER, 2 CRUSTY, 8 CAMEL, 6 COOKPOT, 10 COOT, 7 CAT/CUB, 2 COKE, 1 CRATE, 1 CAB, 1 COLT, 1 MORAVA L-200, 4 MAYA, 1 MAX A, 3 HOOK, 11 HOUND, 1 PROBABLE CLEAT/CLASSIC FUSELAGE, 1 HELIO FUSELAGE, 1 POSSIBLE CAMEL TAIL ASSEMBLY PROTRUDING FROM HANGAR, AND 1 UNIDENTIFIED AIRCRAFT FUSELAGE. IN DERELICT AREA ARE 1 BEAGLE, 1 FARMER, 1 FRESCO, 1 COOT (WITHOUT WING TIPS), AND 1 CLASSIC FUSELAGE WITH TAIL ASSEMBLY.

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NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

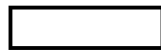
(SEE ATTACHMENT)



25X

SHEN-YANG AIRCRAFT ENGINE PLANT

CH 4147N 12330E



25X

NO APPARENT CHANGE. ONLY NORTH SECTION OF PLANT OBSERVED.

OB -- 7 COLT.



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MISSION 4028 14-20 MAY 66

LIN-TUNG AIRFIELD

CH 3423N 10907E

OB -- 17 BAT, 1 MAX/MOOSE, AND 6 COLT.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

25X

LU-CHOU AIRFIELD

CH 2851N 10524E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

SUI-NING AIRFIELD

CH 3030N 10535E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

YA-MEN-TUN AIRFIELD

CH 4714N 12355E

OB -- NONE OBSERVED.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

NEN-CHIANG AIRFIELD NORTH

CH 4914N 12521E

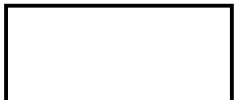
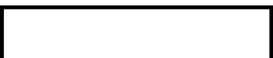
THE 4,100 X 350 FT NW/SE RUNWAY HAS BEEN PARTIALLY REMOVED AND A 1,975 X 130 FT NW/SE PROBABLY LATERITE AND EARTH RUNWAY HAS BEEN CONSTRUCTED IN ITS PLACE. THE 5,100 X 500 FT NE/SW RUNWAY HAS BEEN PARTIALLY REMOVED AND END MARKERS FOR A 2,560 X 130 FT NE/SW RUNWAY ARE VISIBLE. SURFACING MATERIAL CAN BE SEEN ON THE RUNWAY.

OB -- 2 COLT.



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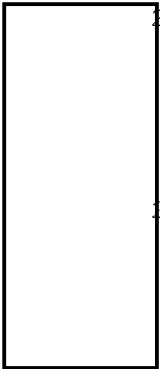
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MISSION 4028 14-20 MAY 66

HSI-AN AIRFIELD

CH 3415N 10854E

OB -- 4 PROBABLE BEAST, 2 CRATE, AND 4 PROBABLE CREEK.  
NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



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YEN-LIANG AIRFIELD

CH 3439N 10916E

MENSURATION REVEALS EXISTING RUNWAY TO BE 8,000 X 230  
FT NE/SW CONCRETE WITH 2,850 FT EXTENSION UNDER  
CONSTRUCTION ON SW END. COMPLETED LENGTH TO BE 10,850  
FT.

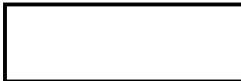
CONSTRUCTION ACTIVITY IS UNDERWAY IN THE ADJACENT  
AIRFRAME PLANT AREA.

OB -- 7 FARMER, 1 FRESCO, 2 FAGOT, 3 COLT, 3 PROBABLE  
MAX, 2 SMALL STRAIGHT-WING AND 1 PROBABLE CAB FUSELAGE.



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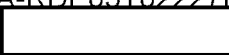
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**Electronics/  
Communications**



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MISSION 4028 14-20 MAY 66

ELECTRONICS/COMMUNICATIONS

BRATSK TALL KING AIR WARNING RADAR FAC UR 5614N 10126E BONUS 1

9 NM SW OF BRATSK.  
SECURED SITE CONTAINS 1 TALL KING ANTENNA, 1 ANTENNA BUILDING, 1 SUPPORT BUILDING, AND 1 GENERATOR BUILDING. AN AIR WARNING RADAR SITE UNDER CONSTRUCTION 500 FT SE OF THE TALL KING CONTAINS 2 UNOCCUPIED RADAR MOUNDS UNDER CONSTRUCTION AND 2 UNOCCUPIED EQUIPMENT REVETMENTS UNDER CONSTRUCTION. A SUPPORT AREA WITH 6 BUILDINGS IS LOCATED 0.5 NM SOUTH OF THE TALL KING. A PROBABLE HF COMMUNICATIONS FACILITY LOCATED 3 NM NE OF THE TALL KING CONTAINS SEVERAL PROBABLE ANTENNAS, 1 PROBABLE CONTROL BUILDING, AND AT LEAST 5 SUPPORT BUILDINGS. THE BRATSK SAM SITE IS LOCATED 0.7 NM WEST OF THE TALL KING.



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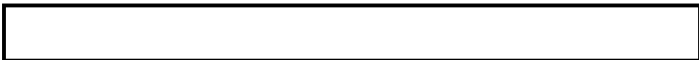
PLESETSK PROBABLE ESV TRACKING FACILITY UR 6254N 04035E BONUS 2

THIS INSTALLATION, PREVIOUSLY REPORTED AS A PROBABLE ELECTRONIC FACILITY, IS NOW IDENTIFIED AS A PROBABLE EARTH SATELLITE VEHICLE TRACKING FACILITY UNDER CONSTRUCTION. IT IS LOCATED 2 NM WSW OF THE COMPLEX SUPPORT FACILITY, IS SECURED, AND CONSISTS OF AN UNUSUALLY SHAPED TRACKING BUILDING APPROXIMATELY 375 FT LONG. AT EACH END OF THE BUILDING IS A WING OR ATTACHED TRACKING BUILDING. A PROBABLE ENVIRONMENTAL DOME RING MOUNT AND A PROBABLE RADAR PEDESTAL ARE ON EACH BUILDING/WING ROOF. THE CENTER SECTION IS THE LARGEST PART OF THE BUILDING. ALTHOUGH OTHER ESV TRACKING FACILITIES KNOWN IN THE SOVIET UNION USUALLY HAVE SEPARATE TRACKING BUILDINGS, THE RADOME SIZE (50 FT) AND THE DISTANCE BETWEEN WINGS/ BUILDINGS (255 FT) ARE COMPARABLE. APPROXIMATELY 400 FT EAST OF THE TRACKING BUILDING IS A CONTROL/SUPPORT BUILDING WITH 6 PROBABLE RADAR PEDESTALS LOCATED IN LINE IN FRONT. NINE OTHER SUPPORT/ADMINISTRATION BUILDINGS ARE WITHIN THE FACILITY.

25X

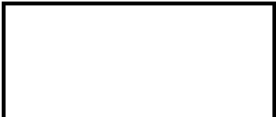
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(SEE ATTACHMENT)



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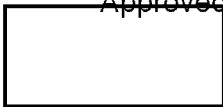


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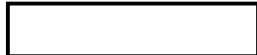
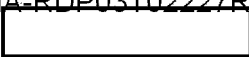
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**Military  
Activity**





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MISSION 4028 14-20 MAY 66

MILITARY ACTIVITY

AN-HAI AMMUNITION STORAGE AREA

CH 2447N 11832E

AREA IS APPARENTLY ACTIVE, BUT NO TROOP OR SUPPLY BUILDUP OBSERVED. THE INSTALLATION DOES NOT APPEAR TO BE FOR AMMUNITION STORAGE.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

25X

CHIN-CHIANG ARMY BARRACKS WEST

CH 2447N 11833E

OB -- 17 CARGO TRUCKS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

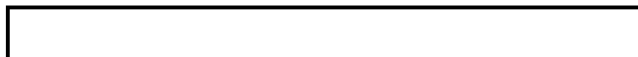
CHUAN-CHOU BARRACKS NORTH

CH 2500N 11836E

INSTALLATION APPEARS ACTIVE. NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

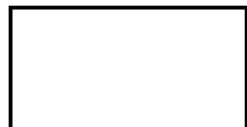
CHIN-HSIEN MILITARY COMPLEX

CH 3903N 12142E

OB -- 11 TANKS/SP GUNS (9 PROBABLY PERMANENTLY POSITIONED ON THE RANGEHEAD AND 2 PARKED NEARBY).

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET



25X  
25X



**TOP SECRET**  
MISSION 4028 14-20 MAY 66



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25X



25X

HAI-CHENG MILITARY HQ AND BARRACKS AREAS CH 4052N 12245E

SIX POSSIBLE VEHICLES/PIECES OF EQUIPMENT ARE OBSERVED. AREAS E AND F ARE NOT COVERED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

25X

HSI-MENG MILITARY BARRACKS

CH 2244N 09927E

OB -- 3 VEHICLES.

NO SIGNIFICANT CHANGE OBSERVED.



25X

KA-ERH-MU ARMY SUPPLY & ORD REPAIR DEPOT CH 3627N 09455E

AT JUNCTION OF CHING-HAI/TIBET AND HSIN-CHIANG/CHING-HAI ROADS. DEPOT CONTAINS 3 LARGE MULTISTORY/MULTIWINING BUILDINGS, 4 LARGE MONITOR-ROOF BUILDINGS, 7 LARGE ADMINISTRATION-TYPE BUILDINGS, APPROXIMATELY 200 BARRACKS, 12 MESSHALLS, 3 LARGE MOTOR POOLS WITH APPROXIMATELY 128 VEHICLE MAINTENANCE/STORAGE BUILDINGS, 75 LARGE GENERAL STORAGE BUILDINGS, 110 SUPPORT BUILDINGS, A POL OPEN STORAGE AREA, 5 OPEN STORAGE AREAS, AND 3 EARTH-COVERED AMMUNITION STORAGE BUNKERS.

OB -- 12 FA PIECES, 35 POSSIBLE FA PIECES, 20 PROBABLE AAA PIECES, AND 930 CARGO TRUCKS.



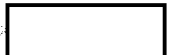
25X

KUANG-CHOU MILITARY STORAGE AREA

CH 2310N 11314E

OB -- 5 CARGO TRUCKS, 6 RAIL CARS, 3 UNIDENTIFIED VEHICLES, AND 5 VEHICLES/PIECES OF EQUIPMENT.

INSTALLATION IS SECURED BY A FENCE. NO DEFENSIVE

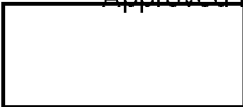


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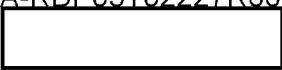
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MISSION 4028 14-20 MAY 66

POSITIONS CAN BE IDENTIFIED AND NO EVIDENCE OF TROOP BUILDUP, STOCKPILING OF MATERIALS, OR OTHER UNUSUAL ACTIVITY OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

SHEN-YANG SUPPLY DEPOT NORTHEAST CH 4156N 12330E

THE INSTALLATION APPEARS TO BE PRIMARILY CIVILIAN BUT A MILITARY ASSOCIATION CANNOT BE RULED OUT. NO EVIDENCE OF SIGNIFICANT CHANGE IN THE LEVEL OF ACTIVITY OR OCCUPANCY.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



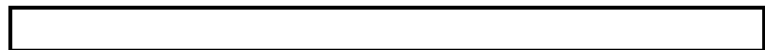
25X

SHEN-YANG ARMY BARRACKS SOUTHWEST CH 4145N 12317E

NO MILITARY ACTIVITY OBSERVED.

OB -- 10 VEHICLES.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

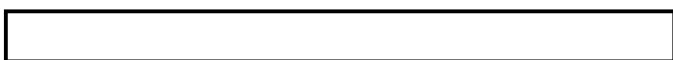
KOKSAN MILITARY INSTALLATIONS KN 3847N 12641E

AREA A IS CLOUD COVERED.

OB -- 4 PROBABLE CARGO TRUCKS IN AREA D, NUMEROUS UNIDENTIFIED PIECES OF EQUIPMENT IN AREA C.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

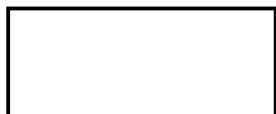
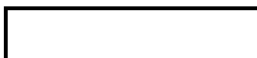
NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



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[Redacted]

**TOP SECRET**

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MISSION 4028 14-20 MAY 66

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25X

**AN-TO ARMY BARRACKS SOUTHWEST**

TI 3217N 09136E

NO INDICATIONS OF TROOP OR SUPPLY BUILDUP OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

[Redacted]

25X

**CHIANG-TZU ARMY BARRACKS**

TI 2855N 08936E

NO EVIDENCE OF TROOP OR SUPPLY BUILDUP.

NO SIGNIFICANT CHANGE OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.

[Redacted]

25X

**DABLA ARMY BARRACKS**

TI 2835N 09709E

OB -- 1 CARGO TRUCK.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

25X

**LI-MA SUPPLY DEPOT**

TI 2824N 09703E

NO WEAPONS, EQUIPMENT, OR INDICATIONS OF TROOP OR SUPPLY BUILDUP OBSERVED.

OB -- 3 CARGO TRUCKS.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

[Redacted]

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**TOP SECRET**

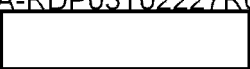
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TOP SECRET



MISSION 4028 14-20 MAY 66

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25X

KU-LIN ARMY BARRACKS

TI 3004N 09033E

NO INDICATION OF TROOP OR SUPPLY BUILDUP.

OB -- 45 CARGO TRUCKS.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

25X

PA-YEN-KAO-LO HQ 154 INDEP INFANTRY DIV

CH 4013N 10653E

WEST EDGE OF PA-YEN-KAO-LO.

SECURED INSTALLATION CONTAINS 26 BARRACKS, 1 ADMINISTRATION BUILDING, 21 STORAGE BUILDINGS, 28 STORAGE/SUPPORT BUILDINGS, 1 MESSHALL, 1 AUDITORIUM, AND 1 ATHLETIC FIELD. NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

CHI-LIN ARMY BARRACKS AREA NNW

CH 4353N 12631E

OB -- 125 CARGO TRUCKS, 50 UNIDENTIFIED VEHICLES, AND 48 TRACKED VEHICLES.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.



25X

CHI-LIN ARMY BARRACKS SOUTHWEST

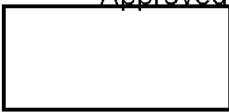
CH 4349N 12629E

INSTALLATION CONSISTS OF 2 AREAS. SECURED AREA 0.5 NM WEST OF THE RAIL LINE IS DIVIDED BY A ROAD AND CONTAINS 20 BARRACKS, 18 QUARTERS-TYPE BUILDINGS, 8 ADMINISTRATION-TYPE BUILDINGS, 10 VEHICLE MAINTENANCE/STORAGE BUILDINGS, 1 AUDITORIUM, APPROXIMATELY 45 STORAGE/SUPPORT BUILDINGS, AND AN ATHLETIC FIELD. PARTIALLY SECURED AREA 0.5 NM WEST OF FIRST AREA CONTAINS 8 BARRACKS, 1 ADMINISTRATION BUILDING, 1 MULTIWINGED BUILDING, 21 STORAGE BUILDINGS,

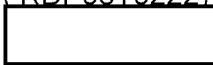
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MISSION 4028 14-20 MAY 66

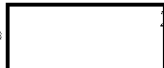
7 VEHICLE MAINTENANCE/STORAGE BUILDINGS, APPROXIMATELY 20 STORAGE/SUPPORT BUILDINGS, AND 1 AUDITORIUM. A SMALL-ARMS FIRING RANGE IS 0.5 NM SW OF SECOND AREA. TRENCHING WEST OF SECOND AREA INDICATES INFANTRY TRAINING.



25X

CHI-LIN AIR TRAINING AREA

CH 4348N 12634E



25X

LOCATED 3 NM SOUTH OF CHI-LIN. INSTALLATION CONTAINS 15 BARRACKS-TYPE BUILDINGS, 4 ADMINISTRATION BUILDINGS, 7 H-SHAPED POSSIBLE SCHOOL BUILDINGS, AND 20 STORAGE/SUPPORT BUILDINGS.

THREE FARMER (1 WITHOUT TAIL ASSEMBLY), 3 FRESCO (2 WITHOUT TAIL ASSEMBLIES), 13 FAGOT, AND 12 MAX/MOOSE ARE LOCATED ON A HARD SURFACED AREA IMMEDIATELY SOUTH OF THE BARRACKS AREA.



25X

KU-YUAN BARRACKS AREA

CH 3600N 10617E

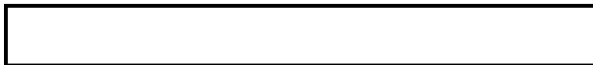


25X

0.7 NM EAST OF KU-YUAN. SECURED INSTALLATION CONTAINS 26 BARRACKS, 6 ADMINISTRATION BUILDINGS, 8 GENERAL STORAGE BUILDINGS, 4 MESSHALLS, 4 GENERAL MAINTENANCE BUILDINGS, 3 SEPERATELY SECURED VEHICLE STORAGE AREAS CONTAINING A TOTAL OF 12 VEHICLE MAINTENANCE/STORAGE BUILDINGS, 28 SUPPORT BUILDINGS, AND 1 BUILDING UNDER CONSTRUCTION.

OB -- 12 CARGO TRUCKS.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

HENG-CHENG MILITARY CAMP

CH 3826N 10616E

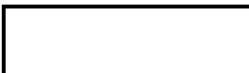


25X

AREA APPEARS TO BE ACTIVE. NO INDICATION OF TROOP OR SUPPLY BUILDUP.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR PREVIOUSLY UNREPORTED FEATURES OBSERVED.

TOP SECRET



25X  
25X



TOP SECRET



MISSION 4028 14-20 MAY 66

25X  
25X

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

LIN-HSIA BARRACKS AREA

CH 3533N 10308E

2 NM SW OF LIN-HSIA.  
SECURED INSTALLATION CONTAINS 20 BARRACKS, 5  
ADMINISTRATION BUILDINGS, 39 STORAGE BUILDINGS, 7  
SUPPORT BUILDINGS, 25 STORAGE/SUPPORT BUILDINGS, AND 4  
MESSHALLS. INSTALLATION APPEARS TO BE CIVILIAN IN  
NATURE. NO TANKS, ARMORED VEHICLES, OR WEAPONS  
OBSERVED.

OB -- 6 CARGO TRUCKS.



25X

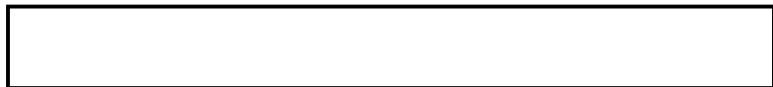
25X

LUNG-TANG ARMY BARRACKS TIEN-TUN-YUAN

CH 1923N 11013E

APPROXIMATELY 80 PERCENT OF THE AREA IS CLOUD COVERED.  
NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED IN CLOUD-FREE  
AREAS. MILITARY ACTIVITY IS UNDETERMINED DUE TO CLOUD  
COVER.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

FU-SHAN ARMY BARRACKS SOUTHWEST

CH 3729N 12114E

NO INDICATIONS OF MILITARY ACTIVITY OBSERVED.

NO NEW CONSTRUCTION, CHANGES IN FACILITIES, OR  
PREVIOUSLY UNREPORTED FEATURES OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

TOP SECRET



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25X



**TOP SECRET**



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25X

MISSION 4028 14-20 MAY 66

FU-CHOU ARMY BARRACKS SOUTH

CH 3943N 12143E



25X

SOUTH EDGE OF FU-CHOU.  
INSTALLATION CONSISTS OF 3 AREAS. ONE SECURED AREA  
CONTAINS 39 BARRACKS, 7 ADMINISTRATION BUILDINGS,  
APPROXIMATELY 85 STORAGE/SUPPORT BUILDINGS, AND 1  
AUDITORIUM. A SECURED AREA EAST OF FIRST AREA CONTAINS  
1 PROBABLE ADMINISTRATION BUILDING, 21 STORAGE-TYPE  
BUILDINGS, AND 2 SUPPORT BUILDINGS. A SECURED AREA NW  
OF FIRST AREA CONTAINS 23 STORAGE-TYPE BUILDINGS, 2  
VEHICLE MAINTENANCE/STORAGE BUILDINGS, 2 MULTIWINGED  
BUILDINGS, 2 BUILDINGS PROBABLY BEING DISMANTLED, AND  
12 STORAGE/SUPPORT BUILDINGS.  
NO MILITARY ACTIVITY OBSERVED.

NO VEHICLES, WEAPONS, OR EQUIPMENT OBSERVED.



25X

CHING-TAO BARRACKS AREAS

CH 3608N 12029E

NO INDICATION OF TROOP/SUPPLY BUILDUP.

OB -- 8 FA PIECES AND 9 CARGO TRUCKS.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

25X

HARAD SPECIAL AREA

YE 1628N 04304E

AREA IN AND AROUND THE RUINS OF HARAD CONTAINS 361  
TENTS OF VARIOUS SIZES.

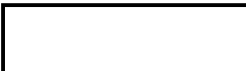
OB -- 25 TANKS, (15 T-34/85 TANKS, 5 UNDER CAMOUFLAGE  
NETS, AND 5 CANVAS-COVERED), 174 CARGO TRUCKS, 8  
UTILITY VEHICLES, AND AN OCCUPIED 6-GUN AAA SITE. ONE  
CRATE OBSERVED AT AIRFIELD.

(SEE ATTACHMENT)



25X

**TOP SECRET**



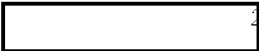
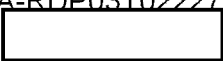
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## **Complexes**



**TOP SECRET**



MISSION 4028 14-20 MAY 66

25X  
25X

COMPLEXES

KUANG-CHOU COMPLEX

CH 2307N 11315E

NO NEW CONSTRUCTION OBSERVED IN CLOUD-FREE AREAS. NO EVIDENCE OF CONSTRUCTION, CIVIL DEFENSE FACILITIES, OR ABANDONMENT OR REDUCTION OF ECONOMIC AND INDUSTRIAL ACTIVITY. RIVER TRAFFIC EVIDENT. APPROXIMATELY 100 RAIL CARS ARE VISIBLE IN THE RAIL YARD IN THE NORTHERN PART OF THE CITY.



25X

25X

AN-SHAN COMPLEX

CH 4107N 12257E

SMOKE IS EMANATING FROM STACKS IN VARIOUS PLANTS AT THE IRON AND STEEL COMBINE. COMPLEX IS APPARENTLY OPERATING AT A NORMAL PRODUCTION LEVEL.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

CHI-LIN COMPLEX

CH 4351N 12633E

SMOKE IS EMANATING FROM STACKS IN MOST OF THE INDUSTRIAL INSTALLATIONS IN THE COMPLEX. RAIL YARDS CONTAIN A SMALL PERCENTAGE OF POSSIBLE RAIL CAR CAPACITY.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.

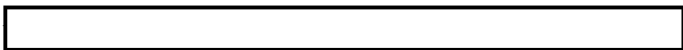


25X

FU-CHOU COMPLEX

CH 2605N 11918E

IDENTIFICATION ONLY.



25X

SHEN-YANG COMPLEX

CH 4148N 12327E

LEVEL OF ACTIVITY APPEARS TO BE LOW TO MODERATE. RAIL YARDS ARE FILLED TO ABOUT 25 PERCENT CAPACITY.

**TOP SECRET**

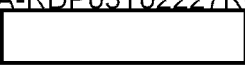


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**TOP SECRET**



MISSION 4028 14-20 MAY 66

25X  
25X

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

LU-TA COMPLEX

CH 3855N 12137E

PORT FACILITIES ARE ACTIVE. RAIL FACILITIES AND INDUSTRIAL INSTALLATIONS ARE OPERATIONAL, BUT DO NOT INDICATE A HIGH LEVEL OF ACTIVITY.

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED.



25X

25X

CHONGJIN COMPLEX

KN 4146N 12946E

NO CHANGES IN INDUSTRIAL OR TRANSPORTATION FACILITIES OBSERVED. NO MAJOR MILITARY ACTIVITY OBSERVED. SEVERAL MERCHANT VESSELS AND POSSIBLE SMALL COASTAL VESSELS OBSERVED AT QUAYS. ALL INDUSTRIES APPEAR TO BE PARTIALLY ACTIVE WITH A MINIMUM AMOUNT OF SMOKE RISING FROM STACKS.

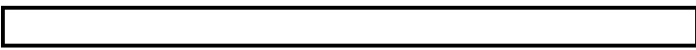


25X

HAI-CHENG COMPLEX

CH 4052N 12245E

NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED. INDUSTRIAL ACTIVITY IS LOW. NO INDICATIONS OF TROOP OR SUPPLY BUILDUP OBSERVED.



25X

YONAN COMPLEX

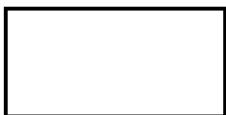
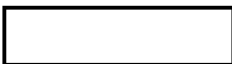
KN 3754N 12610E

NO CHANGES IN MINOR INDUSTRY, MILITARY, OR TRANSPORTATION FACILITIES. LEVEL OF INDUSTRIAL ACTIVITY IS UNDETERMINED.



25X

**TOP SECRET**



25X  
25X



**TOP SECRET**



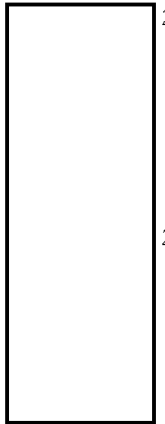
MISSION 4028 14-20 MAY 66

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25X

**CHAN-CHIANG COMPLEX**

CH 2112N 11023E

NO CONSTRUCTION OF DEFENSE FACILITIES OBSERVED. CLOUDS PRECLUDE DETERMINATION OF LEVEL OF INDUSTRIAL OR RAIL ACTIVITY. NO NEW CONSTRUCTION OR CHANGES IN FACILITIES OBSERVED IN CLOUD-FREE AREAS.



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**CHI-CHI-HA-ERH ARMS & AMMO PLANT 127**

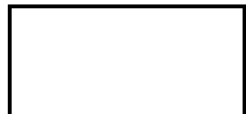
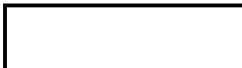
CH 4720N 12359E

WALLED PLANT, COVERING APPROXIMATELY 10 ACRES IN SOUTH CENTRAL PART OF CITY 0.5 NM WEST OF SOUTH END OF CHI-CHI-HA-ERH RAILROAD YARDS AND SHOPS, CONTAINS A STEAM PLANT, 2 MACHINE SHOPS/ASSEMBLY BUILDINGS, 2 LARGE MACHINE SHOPS (1 POSSIBLY WITH FORGE FACILITIES), A FOUNDRY, 2 POSSIBLE FOUNDRIES, AND APPROXIMATELY 20 WAREHOUSE, OFFICE, AND MISCELLANEOUS SMALL BUILDINGS. A SPUR WITH SEVERAL BRANCHES CONNECTS PLANT TO THE NEARBY RAILROAD YARDS. NO IDENTIFIABLE WEAPONS OR EQUIPMENT OBSERVED. A FEW POSSIBLE VEHICLES ARE IN THE AREA.



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**Index**

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INDEX OF COMOR TARGETS

COMOR

INSTALLATION NAME

CTY COORDINATES OAK

|   |                   |
|---|-------------------|
| PLESETSK ICBM COMPLEX                     | UR 6254N 04038E 3 |
| PLESETSK ICBM COMPLEX SUPPORT FACILITY    | UR 6254N 04038E 3 |
| PLESETSK ICBM RAIL-TO-ROAD TRANSFER POINT | UR 6255N 04044E 3 |

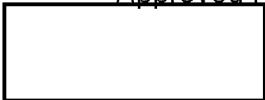
|   |                   |
|---|-------------------|
| PLESETSK ICBM ADMINISTRATION/HOUSING FAC  | UR 6245N 04020E 3 |
| PLESETSK ICBM LAUNCH SITE 1 (I & II)      | UR 6255N 04027E 3 |
| PLESETSK ICBM LAUNCH SITE 2 (III)         | UR 6256N 04031E 3 |
| PLESETSK ICBM LAUNCH SITE 3 (IV)          | UR 6257N 04041E 3 |
| PLESETSK ICBM LAUNCH SITE 4 (A)           | UR 6258N 04046E 3 |
| PLESETSK ICBM LAUNCH SITE 5 (B)           | UR 6303N 04057E 3 |
| PLESETSK ICBM LAUNCH SITE 6 (C)           | UR 6300N 04052E 3 |
| PLESETSK ICBM LAUNCH SITE 7 (E)           | UR 6251N 04034E 3 |
| PLESETSK ICBM LAUNCH SITE 8 (D)           | UR 6253N 04047E 3 |
| PLESETSK ICBM LAUNCH SITE 9 (G)           | UR 6253N 04051E 3 |
| PLESETSK ICBM LAUNCH SITE 10 (H)          | UR 6252N 04052E 3 |
| PLESETSK SSM LAUNCH SITE 13 (F)           | UR 6252N 04044E 3 |
| VERKHNYAYA SALDA ICBM COMPLEX             | UR 5802N 06024E 1 |
| TYURATAM MISSILE TEST CENTER              | UR 4538N 06317E 3 |
| TYURATAM LAUNCH COMPLEX A                 | UR 4555N 06320E 3 |
| TYURATAM LAUNCH COMPLEX E                 | UR 4557N 06311E 3 |
| TYURATAM LAUNCH COMPLEX F                 | UR 4601N 06305E 3 |
| TYURATAM LAUNCH COMPLEX G                 | UR 4604N 06255E 3 |
| TYURATAM LAUNCH GROUP I, SITES I1, I2, I3 | UR 4555N 06326E 3 |
| TYURATAM LAUNCH GROUP I, SITE I4          | UR 4554N 06320E 3 |
| TYURATAM LAUNCH COMPLEX J                 | UR 4555N 06317E 3 |
| TYURATAM LAUNCH GROUP K, SITE K1-K2       | UR 4601N 06303E 3 |
| TYURATAM LAUNCH GROUP L, SITE L1          | UR 4603N 06259E 3 |
| TYURATAM LAUNCH GROUP L, SITE L3          | UR 4604N 06305E 3 |
| TYURATAM LAUNCH GROUP L, SITE L4          | UR 4601N 06303E 3 |
| TYURATAM LAUNCH GROUP L, SITE L5          | UR 4559N 06257E 3 |
| TYURATAM LAUNCH GROUP L, SITE L8          | UR 4601N 06307E 3 |
| TYURATAM LAUNCH GROUP L, SITE L9          | UR 4558N 06306E 3 |
| TYURATAM LAUNCH GROUP L, SITE L10         | UR 4557N 06301E 3 |
| TYURATAM LAUNCH GROUP M, SITES M1, M2     | UR 4603N 06302E 3 |
| TYURATAM LAUNCH GROUP M, SITE M3          | UR 4602N 06306E 3 |
| TYURATAM LAUNCH GROUP N, SITE N1          | UR 4602N 06303E 3 |
| YOSHKAR-OLA ICBM COMPLEX                  | UR 5633N 04801E 2 |
| YOSHKAR-OLA ICBM LAUNCH SITE 1 (A)        | UR 5635N 04809E 2 |
| YOSHKAR-OLA ICBM LAUNCH SITE 2 (B)        | UR 5634N 04817E 2 |
| YOSHKAR-OLA ICBM LAUNCH SITE 3 (C)        | UR 5631N 04827E 2 |
| YOSHKAR-OLA ICBM LAUNCH SITE 4 (D)        | UR 5630N 04819E 2 |
| YOSHKAR-OLA ICBM LAUNCH SITE 5 (E)        | UR 5633N 04812E 2 |
| SVOBODNY ICBM COMPLEX                     | UR 5146N 12806E 2 |
| SVOBODNY ICBM LAUNCH SITE 4 (D)           | UR 5158N 12806E 2 |
| SVOBODNY ICBM LAUNCH SITE 8 (H)           | UR 5202N 12805E 2 |

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| SV0BODNYY ICBM LAUNCH SITE 15            | UR 5155N 12805E 2 |
| SV0BODNYY ICBM LAUNCH SITE 16            | UR 5151N 12802E 2 |
| SV0BODNYY ICBM LAUNCH SITE 17            | UR 5155N 12801E 2 |
| DROVYANAYA ICBM COMPLEX                  | UR 5131N 11300E 2 |
| DROVYANAYA ICBM COMPLEX SUPPORT FACILITY | UR 5131N 11300E 2 |
| DROVYANAYA ICBM RAIL-TO-ROAD TSFR POINT  | UR 5130N 11302E 2 |
| DROVYANAYA ICBM LAUNCH SITE 1 (A)        | UR 5125N 11300E 2 |
| DROVYANAYA ICBM LAUNCH SITE 2 (B)        | UR 5125N 11304E 2 |
| DROVYANAYA ICBM LAUNCH SITE 3 (D)        | UR 5120N 11301E 2 |
| DROVYANAYA ICBM LAUNCH SITE 4 (C)        | UR 5127N 11303E 2 |
| DROVYANAYA ICBM LAUNCH SITE 5 (E)        | UR 5122N 11250E 2 |
| DROVYANAYA ICBM LAUNCH SITE 6 (F)        | UR 5120N 11254E 2 |
| DROVYANAYA ICBM LAUNCH SITE 7 (G1)       | UR 5138N 11305E 2 |
| DROVYANAYA ICBM LAUNCH SITE 8 (G2)       | UR 5134N 11304E 2 |
| DROVYANAYA ICBM LAUNCH SITE 9 (G3)       | UR 5136N 11302E 2 |
| DROVYANAYA ICBM LAUNCH SITE 10 (G4)      | UR 5133N 11307E 2 |
| DROVYANAYA ICBM LAUNCH SITE 11 (G5)      | UR 5136N 11307E 2 |
| DROVYANAYA ICBM LAUNCH SITE 12 (G6)      | UR 5129N 11300E 2 |
| DROVYANAYA ICBM LAUNCH SITE 13 (G7)      | UR 5131N 11304E 2 |
| DROVYANAYA ICBM LAUNCH SITE 14 (G8)      | UR 5129N 11306E 2 |
| DROVYANAYA ICBM LAUNCH SITE 15 (H7)      | UR 5126N 11302E 2 |
| DROVYANAYA ICBM LAUNCH SITE 18 (G10)     | UR 5131N 11300E 2 |
| DROVYANAYA ICBM LAUNCH SITE 19 (H8)      | UR 5121N 11251E 2 |
| DROVYANAYA ICBM LAUNCH SITE 20 (H6)      | UR 5122N 11257E 2 |
| DROVYANAYA ICBM LAUNCH SITE 22 (H1)      | UR 5122N 11302E 2 |
| DROVYANAYA ICBM LAUNCH SITE 24 (H3)      | UR 5123N 11306E 2 |
| DROVYANAYA ICBM LAUNCH SITE 26 (H9)      | UR 5121N 11247E 2 |
| DROVYANAYA ICBM LAUNCH SITE 28 (H10)     | UR 5124N 11252E 2 |
| KOSTROMA ICBM COMPLEX                    | UR 5746N 04101E 1 |
| KOSTROMA ICBM LAUNCH SITE 2 (B)          | UR 5802N 04106E 1 |
| KOSTROMA ICBM LAUNCH SITE 3 (C)          | UR 5758N 04108E 1 |
| KOSTROMA ICBM LAUNCH SITE 5 (E)          | UR 5757N 04114E 1 |
| KOSTROMA ICBM LAUNCH SITE 6 (F)          | UR 5755N 04110E 1 |
| SHADRINSK ICBM COMPLEX                   | UR 5608N 06340E 1 |
| SHADRINSK ICBM LAUNCH SITE 1 (A)         | UR 5608N 06351E 1 |
| SHADRINSK ICBM LAUNCH SITE 3 (C)         | UR 5606N 06356E 1 |
| OMSK ICBM COMPLEX                        | UR 5504N 07331E 1 |
| PERM ICBM COMPLEX                        | UR 5742N 05619E 3 |
| PERM ICBM COMPLEX SUPPORT FACILITY       | UR 5742N 05619E 3 |
| PERM ICBM RAIL-TO-ROAD TRANSFER POINT    | UR 5742N 05617E 3 |
| PERM ICBM LAUNCH SITE 1 (A)              | UR 5741N 05612E 3 |
| PERM ICBM LAUNCH SITE 2 (B)              | UR 5743N 05555E 3 |
| PERM ICBM LAUNCH SITE 3 (C)              | UR 5737N 05607E 3 |
| PERM ICBM LAUNCH SITE 4 (F)              | UR 5741N 05604E 3 |
| PERM ICBM LAUNCH SITE 5 (E)              | UR 5741N 05547E 3 |
| PERM ICBM LAUNCH SITE 6 (D)              | UR 5744N 05600E 3 |
| PERM ICBM LAUNCH SITE 7 (G2)             | UR 5742N 05600E 3 |
| PERM ICBM LAUNCH SITE 8 (G3)             | UR 5742N 05554E 3 |
| PERM ICBM LAUNCH SITE 10 (G4)            | UR 5742N 05550E 3 |

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| PERM ICBM LAUNCH SITE 11 (G5)       | UR 5743N 05606E 3 |
| PERM ICBM LAUNCH SITE 12 (G8)       | UR 5746N 05610E 3 |
| PERM ICBM LAUNCH SITE 13 (G7)       | UR 5744N 05616E 3 |
| PERM ICBM LAUNCH SITE 15 (G1)       | UR 5741N 05611E 3 |
| PERM ICBM LAUNCH SITE 16 (G10)      | UR 5745N 05546E 3 |
| PERM ICBM LAUNCH SITE 17 (G11)      | UR 5746N 05549E 3 |
| PERM ICBM LAUNCH SITE 18 (G12)      | UR 5742N 05621E 3 |
| PERM ICBM LAUNCH SITE 19 (G13)      | UR 5741N 05615E 3 |
| PERM ICBM LAUNCH SITE 20 (G14)      | UR 5739N 05608E 3 |
| PERM ICBM LAUNCH SITE 25 (G18)      | UR 5750N 05548E 3 |
| PERM ICBM POSS LAUNCH SITE 26 (G19) | UR 5750N 05542E 3 |
| PERM ICBM LAUNCH SITE 35            | UR 5745N 05619E 3 |
| PERM ICBM LAUNCH SITE 38            | UR 5747N 05545E 3 |
| PERM ICBM LAUNCH SITE 39            | UR 5745N 05542E 3 |
| PERM ICBM LAUNCH SITE 40            | UR 5749N 05617E 3 |
| PERM ICBM LAUNCH SITE 41            | UR 5740N 05549E 3 |
| TYUMEN ICBM COMPLEX                 | UR 5652N 06551E 1 |
| TYUMEN ICBM LAUNCH SITE 2 (C)       | UR 5650N 06526E 1 |
| TYUMEN ICBM LAUNCH SITE 3 (A)       | UR 5651N 06533E 1 |
| YEDROVO ICBM COMPLEX                | UR 5751N 03340E 3 |

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|---|-------------------|
| YEDROVO ICBM LAUNCH SITE 1 (B)            | UR 5747N 03313E 3 |
| YEDROVO ICBM LAUNCH SITE 2 (A)            | UR 5748N 03335E 3 |
| YEDROVO ICBM LAUNCH SITE 3 (I)            | UR 5752N 03327E 3 |
| YEDROVO ICBM LAUNCH SITE 4 (D)            | UR 5748N 03328E 3 |
| YEDROVO ICBM LAUNCH SITE 8 (E)            | UR 5752N 03317E 3 |
| GLADKAYA ICBM COMPLEX                     | UR 5606N 09214E 3 |
| GLADKAYA ICBM COMPLEX SUPPORT FACILITY    | UR 5606N 09214E 3 |
| GLADKAYA ICBM RAIL-TO-ROAD TRANSFER POINT | UR 5607N 09213E 3 |
| GLADKAYA ICBM LAUNCH SITE 2 (B)           | UR 5624N 09227E 3 |
| GLADKAYA ICBM LAUNCH SITE 3 (A)           | UR 5620N 09220E 3 |
| GLADKAYA ICBM LAUNCH SITE 5 (D)           | UR 5621N 09215E 3 |
| GLADKAYA ICBM LAUNCH SITE 7 (F1)          | UR 5614N 09215E 3 |
| GLADKAYA ICBM LAUNCH SITE 8 (F2)          | UR 5617N 09218E 3 |
| GLADKAYA ICBM LAUNCH SITE 9 (F4)          | UR 5614N 09221E 3 |
| GLADKAYA ICBM LAUNCH SITE 10 (F5)         | UR 5612N 09215E 3 |
| GLADKAYA ICBM LAUNCH SITE 11 (F6)         | UR 5611N 09210E 3 |
| GLADKAYA ICBM LAUNCH SITE 12 (F7)         | UR 5613N 09210E 3 |
| GLADKAYA ICBM LAUNCH SITE 14 (F3)         | UR 5618N 09222E 3 |
| GLADKAYA ICBM LAUNCH SITE 15 (F8)         | UR 5617N 09213E 3 |
| GLADKAYA ICBM LAUNCH SITE 18 (G3)         | UR 5613N 09155E 3 |
| GLADKAYA ICBM LAUNCH SITE 20 (F10)        | UR 5612N 09205E 3 |
| GLADKAYA ICBM LAUNCH SITE 21 (G4)         | UR 5613N 09200E 3 |
| GLADKAYA ICBM LAUNCH SITE 22 (F9)         | UR 5614N 09226E 3 |
| GLADKAYA ICBM LAUNCH SITE 33 (H7)         | UR 5617N 09239E 3 |
| GLADKAYA ICBM LAUNCH SITE 34 (H6)         | UR 5617N 09233E 3 |
| NOVOSIBIRSK ICBM COMPLEX                  | UR 5515N 08259E 1 |
| NOVOSIBIRSK ICBM LAUNCH SITE 4 (D)        | UR 5522N 08313E 1 |
| KOZELSK ICBM COMPLEX                      | UR 5356N 03549E 3 |

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| KOZELSK ICBM LAUNCH SITE 2 (B)        | UR 5348N 03546E 3 |
| KOZELSK ICBM LAUNCH SITE 3 (A)        | UR 5354N 03545E 3 |
| KOZELSK ICBM LAUNCH SITE 4 (D)        | UR 5353N 03551E 3 |
| KOZELSK ICBM LAUNCH SITE 5 (E)        | UR 5351N 03541E 3 |
| KOZELSK ICBM LAUNCH SITE 6 (F)        | UR 5340N 03538E 3 |
| OLOVYANNAYA ICBM COMPLEX              | UR 5049N 11550E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 5 (D2)   | UR 5104N 11608E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 6 (D7)   | UR 5104N 11604E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 7 (D3)   | UR 5102N 11609E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 8 (D4)   | UR 5102N 11602E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 11 (D10) | UR 5105N 11615E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 13 (D9)  | UR 5106N 11612E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 42 (F10) | UR 5049N 11607E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 46 (H1)  | UR 5040N 11558E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 47 (H2)  | UR 5043N 11602E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 48 (H8)  | UR 5044N 11607E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 49 (H3)  | UR 5041N 11605E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 50 (H4)  | UR 5037N 11603E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 52 (H9)  | UR 5038N 11611E 2 |
| OLOVYANNAYA ICBM LAUNCH SITE 55       | UR 5058N 11611E 2 |
| DOMBAROVSKIY ICBM COMPLEX             | UR 5101N 05950E 3 |
| DOMBAROVSKIY ICBM LAUNCH SITE 17 (O)  | UR 5046N 05945E 3 |
| DOMBAROVSKIY ICBM LAUNCH SITE 19 (P)  | UR 5039N 05939E 3 |
| DOMBAROVSKIY ICBM LAUNCH SITE 21      | UR 5051N 05958E 3 |
| DOMBAROVSKIY ICBM LAUNCH SITE 22      | UR 5046N 05950E 3 |
| ALEYSK ICBM COMPLEX                   | UR 5228N 08242E 1 |
| ALEYSK ICBM LAUNCH SITE 7 (G)         | UR 5223N 08246E 1 |
| ALEYSK ICBM LAUNCH SITE 8 (H)         | UR 5217N 08249E 1 |
| ALEYSK ICBM LAUNCH SITE 9 (I)         | UR 5215N 08239E 3 |
| KARTALY ICBM COMPLEX                  | UR 5302N 06035E 2 |
| KARTALY ICBM LAUNCH SITE 18           | UR 5251N 06038E 2 |
| KARTALY ICBM LAUNCH SITE 19           | UR 5253N 06046E 2 |
| KARTALY ICBM LAUNCH SITE 20           | UR 5257N 06055E 2 |
| KARTALY ICBM LAUNCH SITE 21           | UR 5251N 06055E 2 |
| KARTALY ICBM POSS LAUNCH SITE 22      | UR 5248N 06044E 2 |
| AKHTYRKA MRBM LAUNCH SITE 1           | UR 5015N 03450E 1 |
| AKHTYRKA MRBM LAUNCH SITE 2           | UR 5022N 03457E 1 |
| ANASTASYEVKA MRBM LAUNCH SITE 1       | UR 4835N 13538E 2 |
| ANASTASYEVKA MRBM LAUNCH SITE 2       | UR 4836N 13541E 2 |
| DEMIDOVO FIXED FIELD MRBM SITE        | UR 5601N 02818E 2 |
| GRANOV IRBM LAUNCH SITE 1             | UR 4856N 02930E 2 |
| KIVERTSY MRBM LAUNCH SITE 1           | UR 5052N 02530E 2 |
| KIVERTSY MRBM LAUNCH SITE 2           | UR 5057N 02536E 2 |
| TROSTYANETS MRBM LAUNCH SITE 3        | UR 5058N 02539E 2 |
| KIVERTSY FIXED FIELD MRBM SITE        | UR 5050N 02524E 2 |
| KROLEVETS IRBM LAUNCH SITE 1          | UR 5136N 03328E 1 |
| KROLEVETS IRBM LAUNCH SITE 2          | UR 5140N 03329E 1 |
| BEREZA IRBM LAUNCH SITE               | UR 5143N 03343E 1 |
| VASILISHKI FIXED FIELD MRBM SITE      | UR 5344N 02456E 2 |

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| PARYSHCHE MRBM LAUNCH SITE                | UR 4838N 02442E 2 |
| NOVA VES MRBM LAUNCH SITE                 | UR 4839N 02448E 2 |
| NOVOSYSOYEVKA IRBM LAUNCH SITE 1          | UR 4411N 13326E 2 |
| SHEVELEVO MRBM LAUNCH SITE                | UR 5737N 02812E 2 |
| PAPLAKA MRBM LAUNCH SITE 1                | UR 5624N 02115E 1 |
| PAPLAKA MRBM LAUNCH SITE 2                | UR 5625N 02115E 1 |
| POSTAVY MRBM LAUNCH SITE 1                | UR 5509N 02654E 2 |
| SIVTSY FIXED FIELD MRBM SITE              | UR 5509N 02652E 2 |
| UGOLNYY MRBM-IRBM LAUNCH SITE             | UR 6446N 17758E 1 |
| KAPUSTIN YAR/VLADIMIROVKA MSL TEST CTR    | UR 4835N 04545E 3 |
| KAPUSTIN YAR LAUNCH COMPLEX A             | UR 4842N 04615E 3 |
| KAPUSTIN YAR LAUNCH COMPLEX B             | UR 4841N 04616E 3 |
| KAPUSTIN YAR LCH COMPLEX C (SITES 2, 4-9) | UR 4836N 04616E 3 |
| KAPUSTIN YAR LAUNCH COMPLEX E (SITE 3)    | UR 4846N 04618E 3 |
| KAPUSTIN YAR LAUNCH COMPLEX H (SITE 13)   | UR 4848N 04620E 3 |
| SARY-SHAGAN ANTIMISSILE TEST CENTER       | UR 4602N 07334E 3 |
| SARY-SHAGAN LAUNCH COMPLEX A (ZONE A)     | UR 4625N 07252E 3 |
| SARY-SHAGAN LAUNCH COMPLEX B (ZONE B)     | UR 4559N 07231E 2 |
| SHUANG-CHENG-TZU MISSILE TEST CENTER      | CH 4107N 10220E 2 |
| SHUANG-CHENG-TZU MTC SAM LAUNCH COMPLEX   | CH 4102N 10030E 3 |
| ZAGORSK ROCKET ENG TEST FAC KRASNOZAVODSK | UR 5625N 03810E 3 |
| TAI-YUAN SOLID PROPELLANT TEST FACILITY   | CH 3759N 11233E 1 |
| CHI-LIN SUSPECT MISSILE PRODUCTION & R&D  | CH 4357N 12634E 3 |
| PING-FENG-SHE-CHENG TANK PLANT            | CH 4039N 10954E 1 |
| HU-HO-HAO-TE SUSPECT PROPULSION FACILITY  | CH 4044N 11158E 3 |
| HANOI SAM SEARCH                          | VN 2102N 10551E 1 |
| SEVERODVINSK NAVAL BASE AND SHIPYARD 402  | UR 6434N 03949E 2 |
| GUBA LITSA SUBMARINE BASE                 | UR 6926N 03224E 3 |
| GUBA LITSA NAVAL MISSILE STORAGE          | UR 6925N 03226E 3 |
| GUBA MOTKA NAVAL BASE                     | UR 6940N 03210E 3 |
| IOKANGA NAVAL BASE AND SHIP REPAIR YARD   | UR 6804N 03932E 3 |
| PETROPAVLOVSK NAVAL BASE TARYA BAY        | UR 5255N 15834E 2 |
| PETROPAVLOVSK NAVAL MISSILE STORAGE       | UR 5257N 15827E 2 |
| PETROPAVLOVSK NVL MSL SUPPORT FACILITY    | UR 5257N 15829E 2 |
| PETROPAVLOVSK NVL B SELDEVAYA BAY         | UR 5254N 15830E 2 |
| VLADIMIR SUBMARINE BASE                   | UR 4355N 13528E 3 |
| KALININGRAD SUSP NAVAL MISSILE STORAGE    | UR 5450N 02028E 3 |
| KALININGRAD PORT FACILITIES EAST          | UR 5442N 02029E 3 |
| GUBA URA NAVAL BASE                       | UR 6920N 03249E 3 |
| GUBA ARA NAVAL BASE                       | UR 6922N 03247E 3 |
| PETROVKA SHIPYARD                         | UR 4307N 13220E 2 |
| DUNAY PROBABLE NAVAL MISSILE STORAGE      | UR 4256N 13220E 2 |
| DUNAY SUBMARINE BASE RAZBOYNIK BAY        | UR 4253N 13221E 2 |
| DUNAY SUBMARINE BASE BUKHTA KONYUSHKOVA   | UR 4252N 13222E 2 |
| SOVETSKAYA GAVAN SUBMARINE BASE           | UR 4902N 14016E 3 |
| PECHENGA NAVAL BASE LINAKHAMARI           | UR 6939N 03122E 3 |
| KRONSTADT NAVAL BASE AND SHIPYARD         | UR 5959N 02947E 3 |
| LIEPAJA NAVAL BASE AND SHIPYARD           | UR 5633N 02102E 2 |
| RIGA NAVAL BASE & SHPYD BOLDERAJA         | UR 5703N 02402E 2 |

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| MOSCOW SUSPECT ABM AREA                      | UR 5545N 03737E 3 |
| MOSCOW SAM SITE E24-1                        | UR 5521N 03629E 3 |
| LENINGRAD PROB LR SAM LCH CPLX SEARCH        | UR 5955N 03020E 3 |
| LIEPAJA PROB LONG RANGE SAM LCH CPLX         | UR 5633N 02111E 2 |
| NIZHNYAYA TURA PROB LONG RANGE SAM LCH CPLUR | 5846N 05954E 3    |
| BABAYEVO PROBABLE LR SAM LCH CPLX (PROB)     | UR 5933N 03520E 2 |
| PERESLAVL-ZALESKIY PROB LR SAM LCH CPLX      | UR 5645N 03838E 1 |
| LAN-CHOU SAM SITE B29-2                      | CH 3608N 10323E 1 |
| TE-CHOU SAM SITE A30-2                       | CH 3730N 11607E 1 |
| HAIPHONG SAM SITE B01-2                      | VN 2102N 10643E 1 |
| YEN-TAI CRUISE MISSILE LAUNCH SITE           | CH 3737N 12123E 1 |
| CHEPELEVKA AIRFIELD                          | UR 4947N 03026E 1 |

25X

|                |                   |
|----------------|-------------------|
| DOLON AIRFIELD | UR 5032N 07912E 1 |
|----------------|-------------------|

25X

|  |                   |
|--|-------------------|
| ENGELS AIRFIELD                          | UR 5129N 04611E 1 |
| OLENEGORSK AIRFIELD                      | UR 6809N 03327E 2 |
| KALININGRAD/PROVEREN AIRFIELD            | UR 5446N 02025E 1 |
| NEZHIN AIRFIELD                          | UR 5105N 03152E 1 |
| ANADYR/LENINKA AIRFIELD                  | UR 6442N 17742E 1 |
| NORILSK AIRFIELD NORTHWEST               | UR 6923N 08748E 2 |
| KIPELOVO AIRFIELD                        | UR 5911N 03907E 1 |
| RAMENSKOYE FLIGHT TEST CENTER            | UR 5533N 03808E 3 |
| SHEN-YANG AIRCRAFT ENGINE PLANT          | CH 4147N 12330E 3 |
| SHEN-YANG AIRFRAME PLANT 112             | CH 4152N 12325E 2 |
| HSI-AN AIRFRAME PLANT YEN-LIANG AIRFIELD | CH 3439N 10915E 2 |
| CHAN-CHIANG AIRFIELD                     | CH 2113N 11020E 2 |
| CHIN-HSIEN AIRFIELD SOUTHEAST 1          | CH 3904N 12145E 2 |
| CHOU-SHUI-TZU AIRFIELD                   | CH 3858N 12133E 2 |
| FU-HSIEN AIRFIELD                        | CH 3940N 12146E 2 |
| HUI-AN AIRFIELD                          | CH 2501N 11848E 1 |
| KAI-YUAN AIRFIELD                        | CH 4232N 12358E 2 |
| CHIU-KU-CHENG AIRFIELD                   | CH 3730N 11606E 2 |
| KUANG-CHOU/PAI-YUN AIRFIELD              | CH 2311N 11316E 2 |
| LIAO-YANG AIRFIELD WEST                  | CH 4116N 12305E 2 |
| LIN-TUNG AIRFIELD                        | CH 3423N 10907E 3 |
| LING-SHUI AIRFIELD                       | CH 1830N 10959E 2 |
| LIU-TING AIRFIELD                        | CH 3615N 12022E 2 |
| LU-CHOU AIRFIELD                         | CH 2851N 10524E 3 |
| CHI-CHI-HA-ERH AIRFIELD SOUTH            | CH 4718N 12356E 2 |
| MENG-TZU AIRFIELD WEST                   | CH 2324N 10319E 2 |
| SHEN-YANG AIRFIELD NORTH                 | CH 4152N 12326E 2 |
| SUI-NING AIRFIELD                        | CH 3030N 10535E 3 |
| TAI-YUAN AIRFIELD NEW                    | CH 3749N 11233E 2 |
| TENG-AO-PAO AIRFIELD                     | CH 4106N 12251E 2 |
| YA-MEN-TUN AIRFIELD                      | CH 4714N 12355E 3 |
| PEI-TUN AIRFIELD                         | CH 2527N 10043E 2 |
| YUN-NAN-I AIRFIELD                       | CH 2525N 10042E 2 |
| LA-LIN AIRFIELD                          | CH 4514N 12653E 2 |

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MISSION 4028 14-20 MAY 66

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25X

|                               |                 |   |     |
|-------------------------------|-----------------|---|-----|
| NEN-CHIANG AIRFIELD NORTH     | CH 4914N 12521E | 3 | 25X |
| HUAI-JEN AIRFIELD             | CH 3944N 11310E | 2 |     |
| HSI-AN AIRFIELD               | CH 3415N 10854E | 3 |     |
| HO-TIEN AIRFIELD              | CH 3702N 07952E | 2 |     |
| SONDONG-NI AIRFIELD           | KN 3944N 12728E | 1 |     |
| HSI-CHANG AIRFIELD            | CH 2755N 10213E | 2 |     |
| MUROM AIRFIELD                | UR 5526N 04219E | 1 |     |
| HAI-LA-ERH AIRFIELD SOUTHWEST | CH 4909N 11941E | 2 |     |
| YEN-LIANG AIRFIELD            | CH 3439N 10916E | 3 |     |
| CHING-TAO AIRFIELD            | CH 3609N 12023E | 2 |     |
| SHEN-YANG AIRFIELD WEST       | CH 4149N 12318E | 2 |     |
| CHING-TAO SEAPLANE STATION    | CH 3603N 12017E | 2 |     |
| LAN-CHO-WAN-TZU AIRFIELD      | CH 4357N 08705E | 2 |     |
| HA-MI AIRFIELD 2              | CH 4251N 09338E | 1 |     |

|                              |                 |   |     |
|------------------------------|-----------------|---|-----|
| CHANG-CHIANG NAVAL BASE      | CH 2112N 11025E | 1 |     |
| TA-KU NAVAL FACILITY         | CH 3900N 11740E | 1 |     |
| CHONGJIN NAVAL BASE          | KN 4146N 12949E | 1 |     |
| CHING-TAO SUBMARINE BASE     | CH 3604N 12019E | 1 |     |
| CHING-TAO NAVAL DOCKYARD     | CH 3604N 12019E | 1 |     |
| LU-TA SHIPYARD               | CH 3855N 12138E | 1 |     |
| HAIPHONG PORT FACILITIES     | VN 2052N 10642E | 1 |     |
| PAI-CHENG WEAPONS TEST RANGE | CH 4543N 12239E | 2 | 25X |

|  |                 |   |  |
|--|-----------------|---|--|
| LU-CHOU MUNITIONS STORAGE SITES          | CH 2853N 10531E | 3 |  |
| TAI-YUAN CHEMICAL PLANT                  | CH 3747N 11228E | 1 |  |
| NARO-FOMINSK PROB ABM PHASED-ARRAY RADAR | UR 5529N 03641E | 2 |  |
| AN-HAI AMMUNITION STORAGE AREA           | CH 2447N 11832E | 3 |  |
| CHIN-CHIANG ARMY BARRACKS WEST           | CH 2447N 11833E | 3 |  |
| CHUAN-CHOU BARRACKS NORTH                | CH 2500N 11836E | 3 |  |
| CHIAO-HO ARMY BARRACKS                   | CH 3804N 11633E | 2 |  |
| CHIN-HSIEN MILITARY COMPLEX              | CH 3903N 12142E | 3 |  |
| HAI-CHENG MILITARY HQ AND BARRACKS AREAS | CH 4052N 12245E | 3 |  |
| HSI-MENG MILITARY BARRACKS               | CH 2244N 09927E | 3 |  |
| I-LIANG ARMY BARRACKS SOUTH 1            | CH 2451N 10308E | 2 |  |
| KA-ERH-MU ARMY SUPPLY & ORD REPAIR DEPOT | CH 3627N 09455E | 3 |  |
| KUANG-CHOU MILITARY STORAGE AREA         | CH 2310N 11314E | 3 |  |
| PAN-CHI ARMY BARRACKS                    | CH 2415N 10306E | 2 |  |
| SHEN-YANG SUPPLY DEPOT NORTHEAST         | CH 4156N 12330E | 3 |  |
| SHEN-YANG ARMY BARRACKS SOUTHWEST        | CH 4145N 12317E | 3 |  |
| KOKSAN MILITARY INSTALLATIONS            | KN 3847N 12641E | 3 |  |
| CHANG CHENMO RIVER MILITARY AREA         | IN 3425N 07845E | 2 |  |

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MISSION 4028 14-20 MAY 66

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|  |                   |     |
|--|-------------------|-----|
| AN-TO ARMY BARRACKS SOUTHWEST              | TI 3217N 09136E 3 | 25X |
| CHIANG-TZU ARMY BARRACKS                   | TI 2855N 08936E 3 |     |
| DABLA ARMY BARRACKS                        | TI 2835N 09709E 3 |     |
| LI-MA SUPPLY DEPOT                         | TI 2824N 09703E 3 |     |
| PU-LAN ARMY BARRACKS                       | TI 3015N 08110E 1 |     |
| KU-LIN ARMY BARRACKS                       | TI 3004N 09033E 3 |     |
| YEH-CHENG BKS/SUPPLY DEPOT BESH ARIK NW    | CH 3754N 07727E 1 |     |
| NGARAP POSSIBLE MILITARY CAMP              | TI 2910N 09237E 1 |     |
| SHUANG-CHENG-TZU BARRACKS AREA             | CH 4154N 10102E 1 |     |
| PA-YEN-KAO-LO HQ 154 INDEP INFANTRY DIV    | CH 4013N 10653E 3 |     |
| HUAI-AN ARMY BARRACKS AREA                 | CH 4040N 11424E 1 |     |
| YANG-KAO HQ 194TH INFANTRY DIVISION        | CH 4022N 11344E 1 |     |
| CHI-LIN ARMY BARRACKS AREA NNW             | CH 4353N 12631E 3 |     |
| CHI-LIN ARMY BARRACKS SOUTHWEST            | CH 4349N 12629E 3 |     |
| CHI-LIN AIR TRAINING AREA                  | CH 4348N 12634E 3 |     |
| CHEN-TZU-CHEN ARMY BARRACKS SOUTHEAST      | CH 3949N 11822E 1 |     |
| CHAO-KO-CHUANG ARMY BARRACKS NORTH         | CH 3946N 11824E 1 |     |
| LIN-HSI ARMY BARRACKS AREA 2               | CH 3946N 11830E 1 |     |
| TAI-YUAN MILITARY INSTALLATIONS            | CH 3805N 11238E 1 |     |
| HSUN-CHIEN-SSU BARRACKS AREA               | CH 3918N 11115E 2 |     |
| KU-YUAN BARRACKS AREA                      | CH 3600N 10617E 3 |     |
| HENG-CHENG MILITARY CAMP                   | CH 3826N 10616E 3 |     |
| LIN-HSIA BARRACKS AREA                     | CH 3533N 10308E 3 |     |
| NAN-CHUNG POSSIBLE BARRACKS                | CH 3046N 10605E 2 |     |
| NAN-CHUNG PROBABLE MILITARY BARRACKS AREA  | CH 3047N 10604E 2 |     |
| LUNG-TANG ARMY BARRACKS TIEN-TUN-YUAN      | CH 1923N 11013E 3 |     |
| FU-SHAN ARMY BARRACKS SOUTHWEST            | CH 3729N 12114E 3 |     |
| FU-CHOU ARMY BARRACKS SOUTH                | CH 3943N 12143E 3 |     |
| CHING-TAO BARRACKS AREAS                   | CH 3608N 12029E 3 |     |
| HARAD SPECIAL AREA                         | YE 1628N 04304E 3 |     |
| KUANG-CHOU COMPLEX                         | CH 2307N 11315E 3 |     |
| AN-SHAN COMPLEX                            | CH 4107N 12257E 3 |     |
| CHI-CHI-HA-ERH COMPLEX                     | CH 4721N 12358E 2 |     |
| CHI-LIN COMPLEX                            | CH 4351N 12633E 3 |     |
| FU-CHOU COMPLEX                            | CH 2605N 11918E 3 |     |
| SHEN-YANG COMPLEX                          | CH 4148N 12327E 3 |     |
| LU-TA COMPLEX                              | CH 3855N 12137E 3 |     |
| MAN-CHOU-LI COMPLEX                        | CH 4936N 11726E 1 |     |
| CHIANG-TZU COMPLEX                         | TI 2857N 08938E 2 |     |
| CHONGJIN COMPLEX                           | KN 4146N 12946E 3 |     |
| HAI-CHENG COMPLEX                          | CH 4052N 12245E 3 |     |
| YONAN COMPLEX                              | KN 3754N 12610E 3 |     |
| CHAN-CHIANG COMPLEX                        | CH 2112N 11023E 3 |     |
| TAI-YUAN POSSIBLE ARMS MANUFACTURING PLANT | CH 3753N 11234E 1 |     |
| CHI-CHI-HA-ERH ARMS & AMMO PLANT 127       | CH 4720N 12359E 3 |     |
| PAO-TOU ARTILLERY PLANT 447                | CH 4041N 10952E 1 |     |
| PANG-PEI RAIL FACILITIES                   | CH 4341N 11159E 1 |     |

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## **Attachments**

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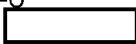
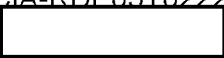
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MISSION 4028, 14-20 MAY 1966

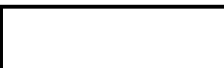
ATTACHMENT 1



LAUNCH COMPLEX A, TYURATAM MISSILE TEST CENTER, USSR

NPIC K-9605 (5/66)

**TOP SECRET**



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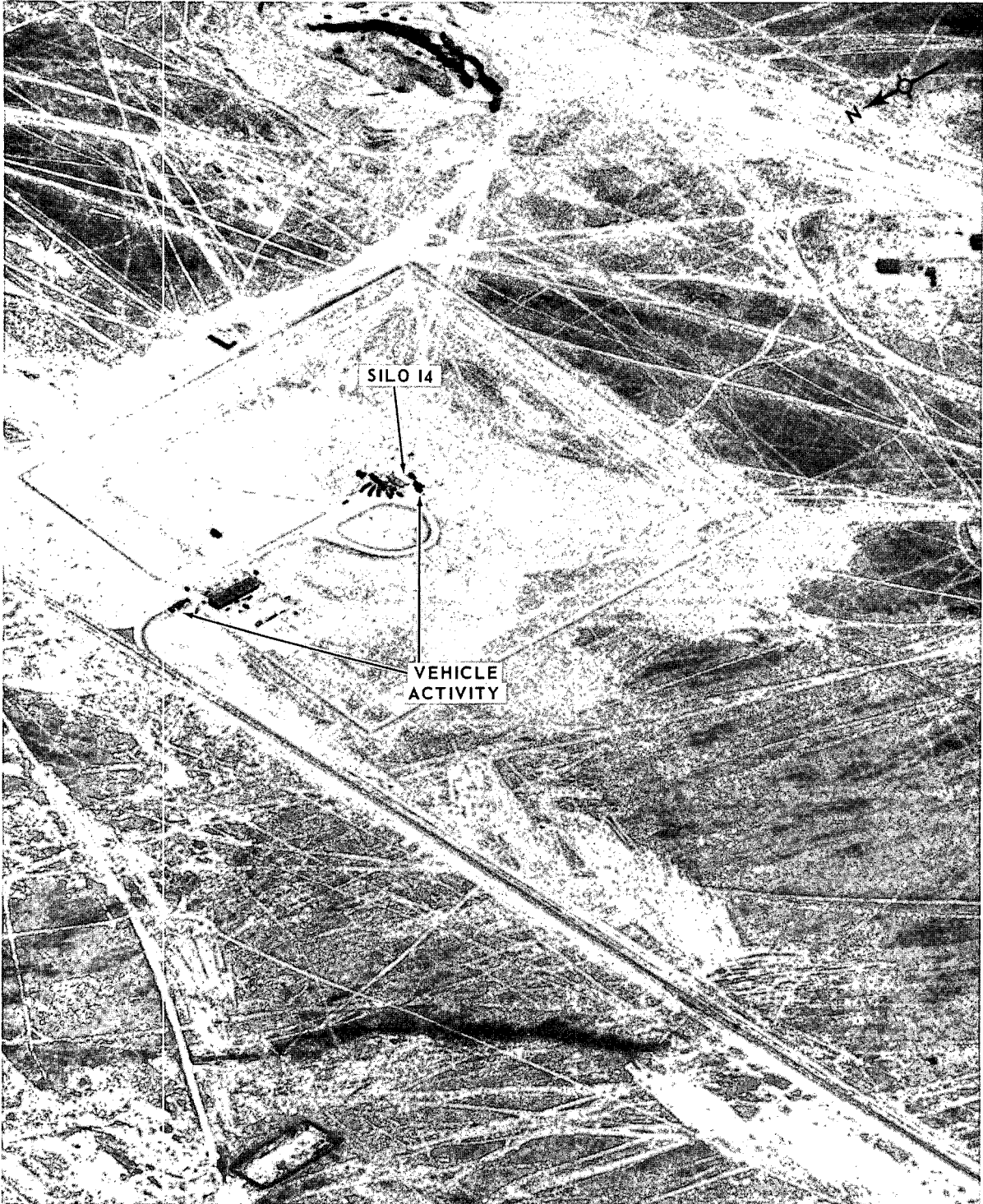
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 2



LAUNCH SITE 14, TYURATAM MISSILE TEST CENTER, USSR.

NPIC K-9666 (5/66)

**TOP SECRET**



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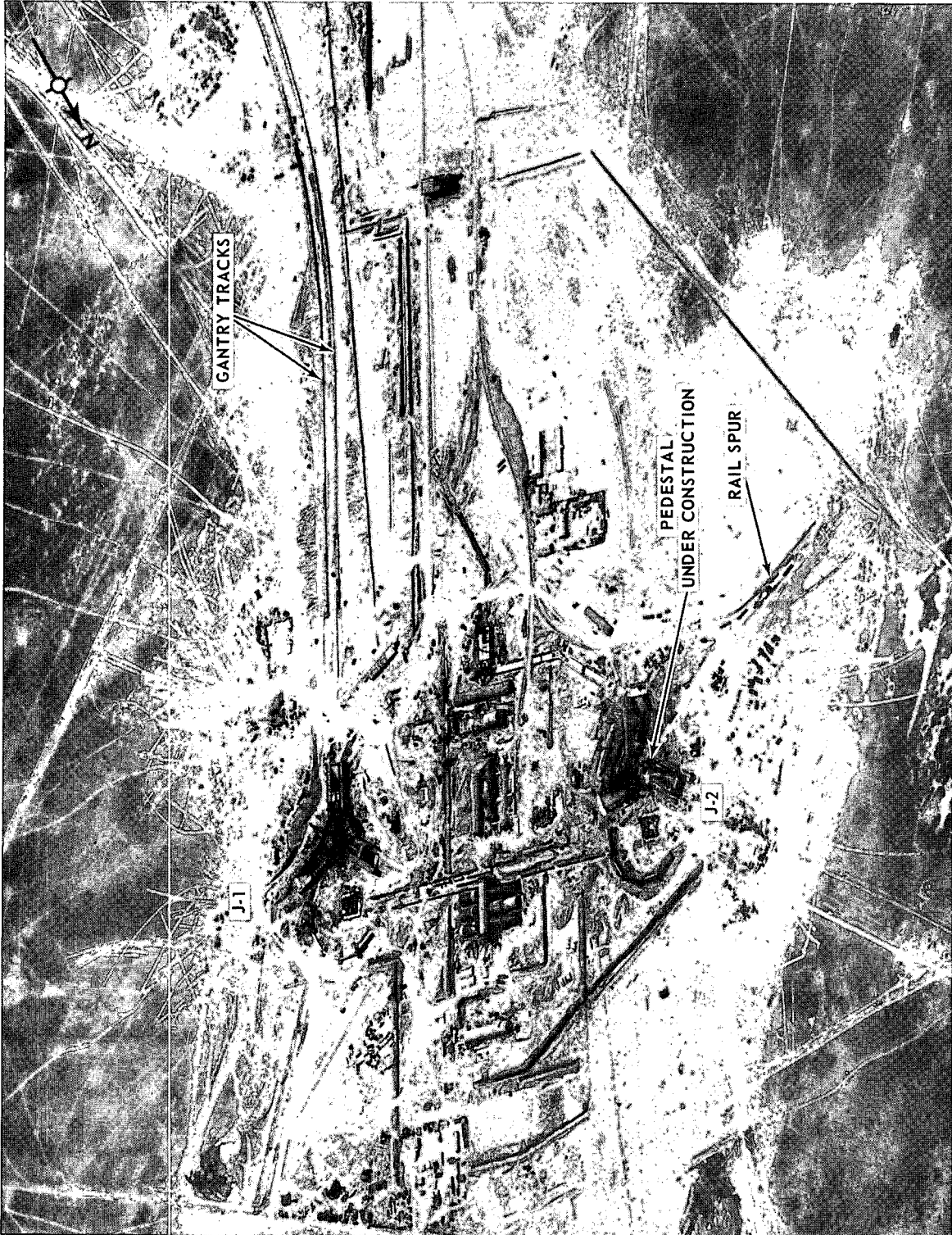
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 3



LAUNCH COMPLEX J, TYURATAM MISSILE TEST CENTER, USSR.

NPIC K-9667 (5/66)

**TOP SECRET**



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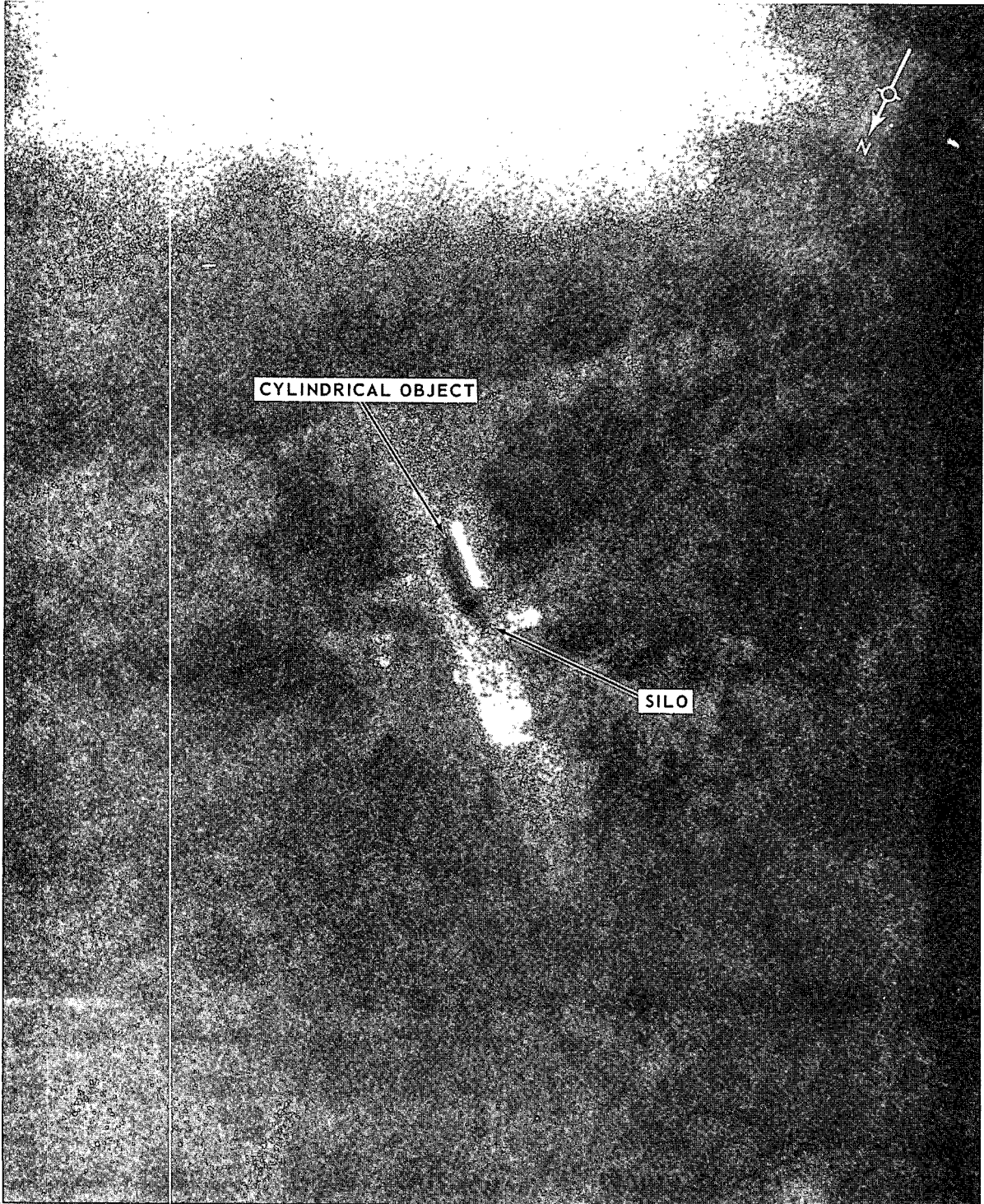
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 4



LAUNCH SITE 19, PERM ICBM COMPLEX, USSR

NPIC K-9668 (5/66)

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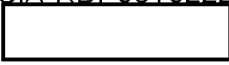


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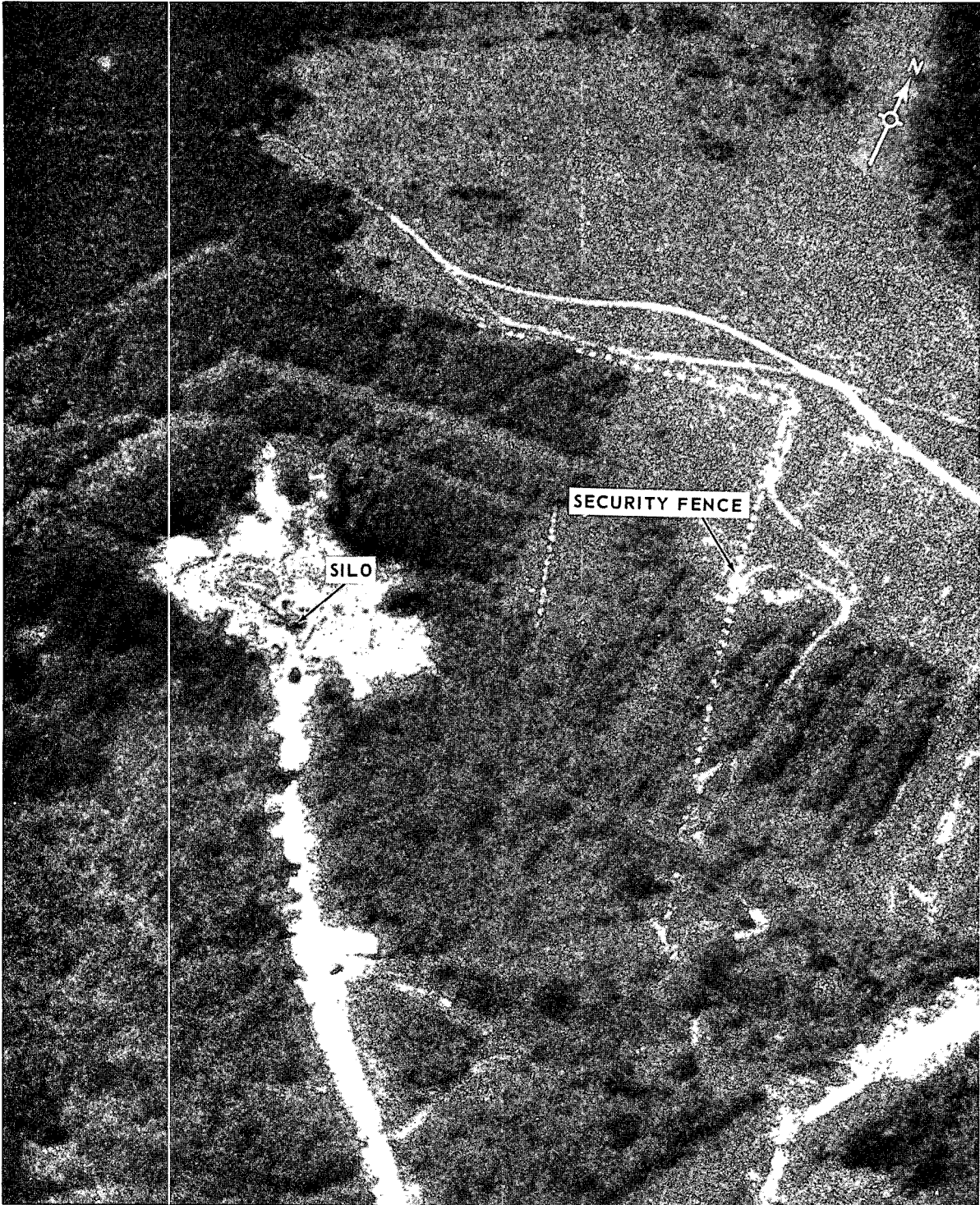
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 5



LAUNCH SITE 10, YEDROVO ICBM COMPLEX, USSR

NPIC K-9669 (5/66)

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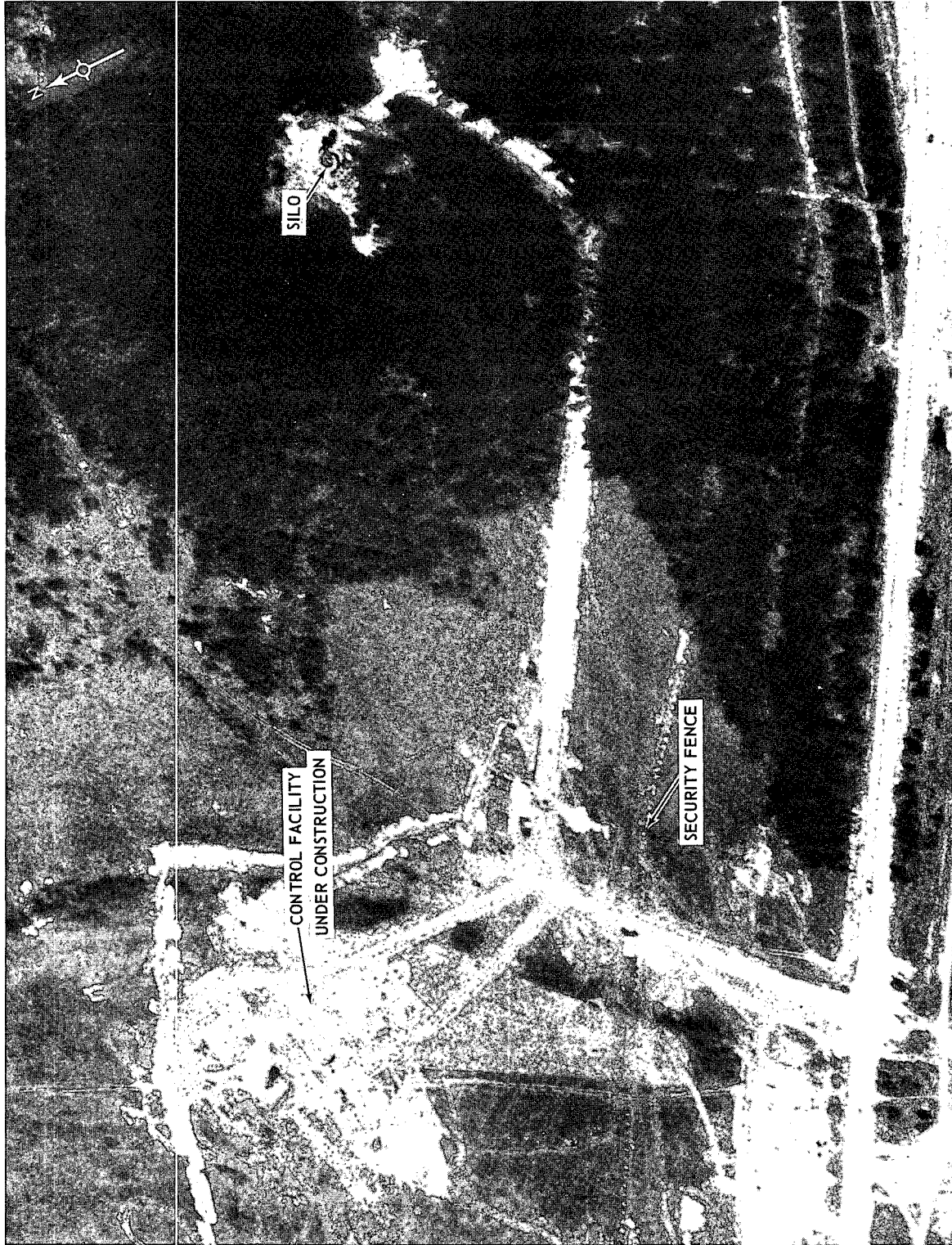
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MISSION 40 28, 14-20 MAY 1966

ATTACHMENT 6

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LAUNCH SITE 11, YEDROVO ICBM COMPLEX, USSR

NPIC K-9671 (9/66)

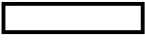
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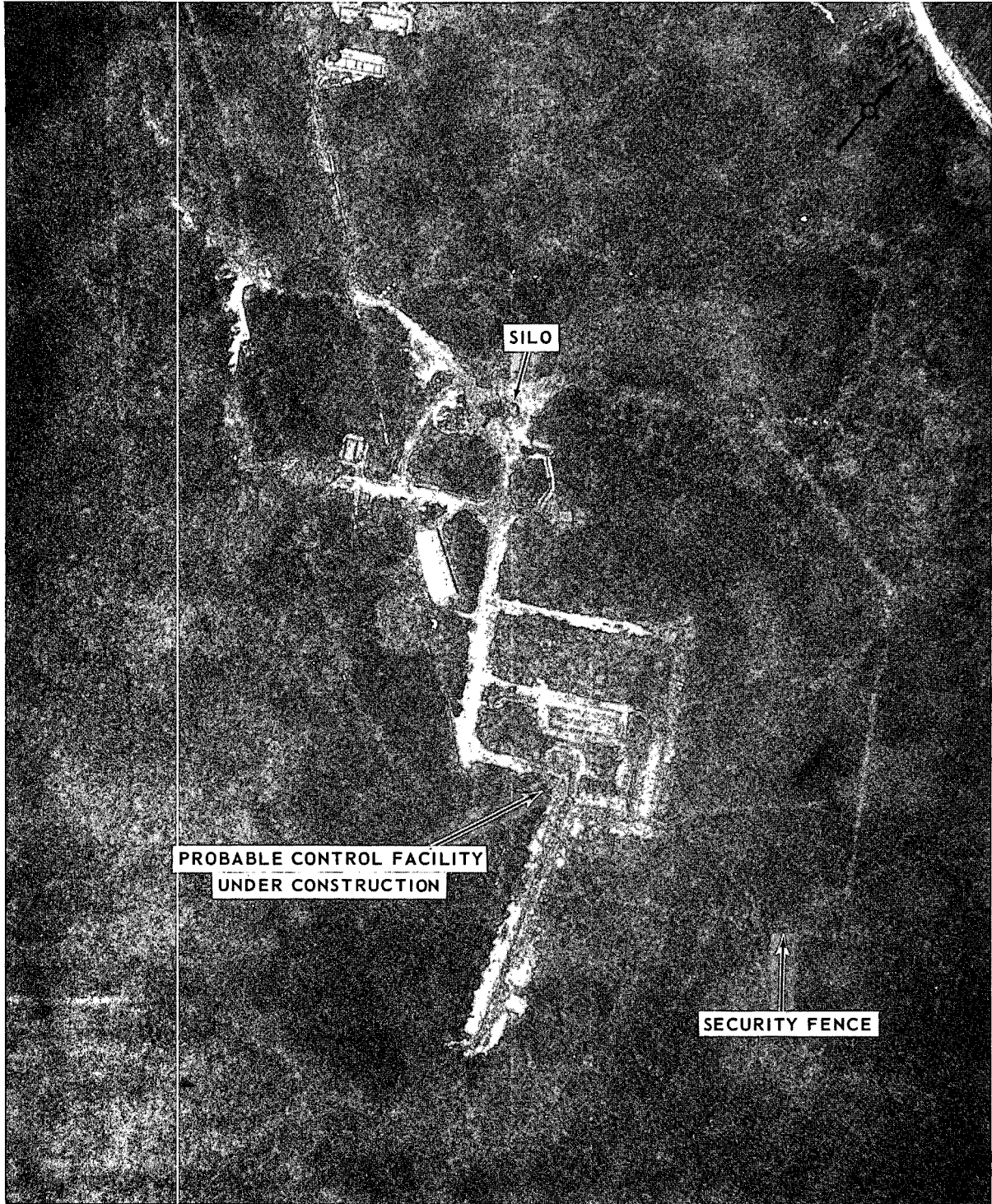
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 7



LAUNCH SITE 7, KOZELSK ICBM COMPLEX, USSR

NPIC K-9674 (5/66)

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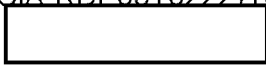


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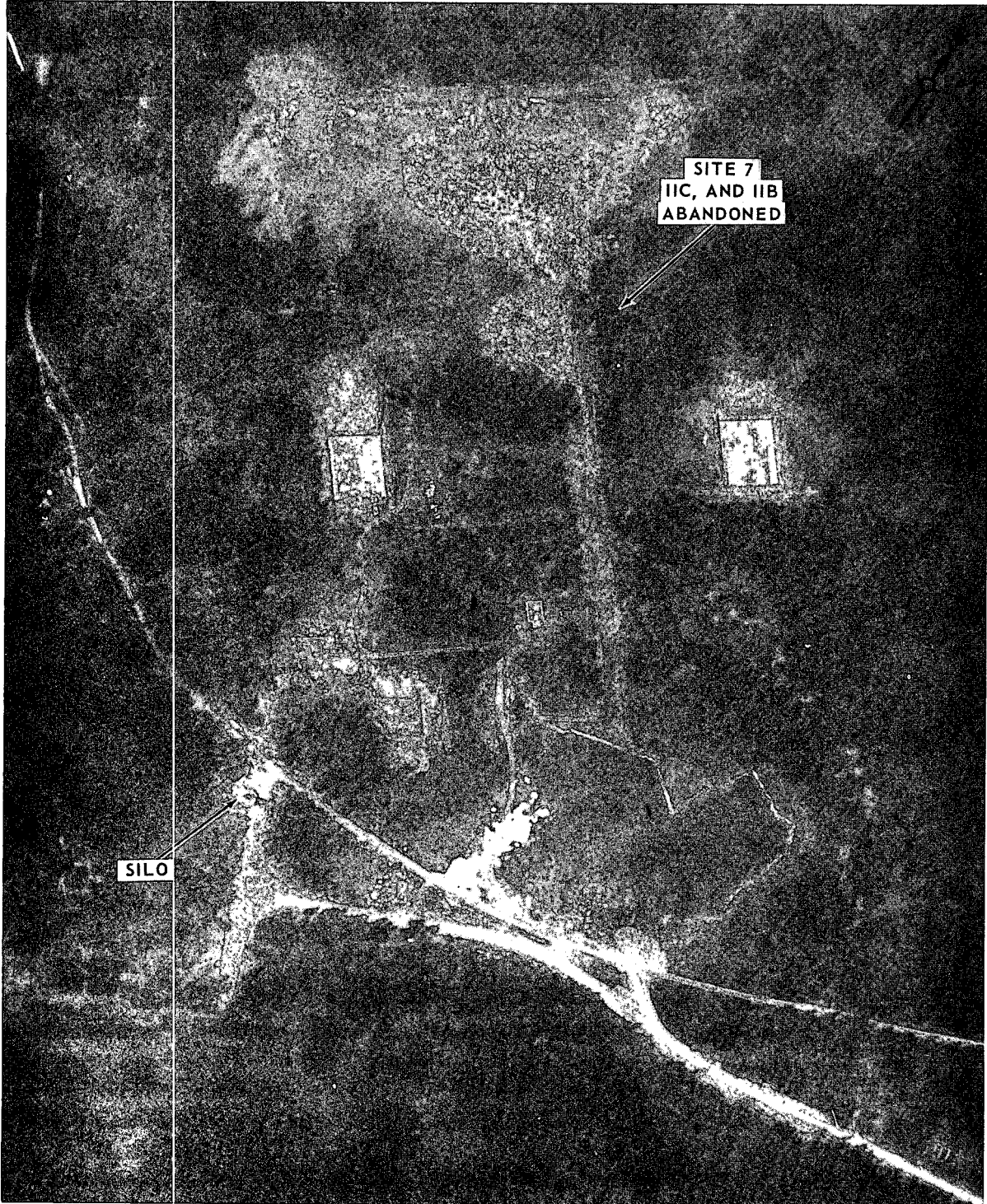
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 8



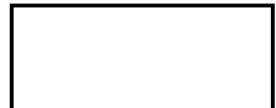
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**SITE 7  
IIC, AND IIB  
ABANDONED**

LAUNCH SITE 10, KOZELSK ICBM COMPLEX, USSR

NPIC K-9673 (5/66)

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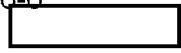
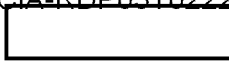


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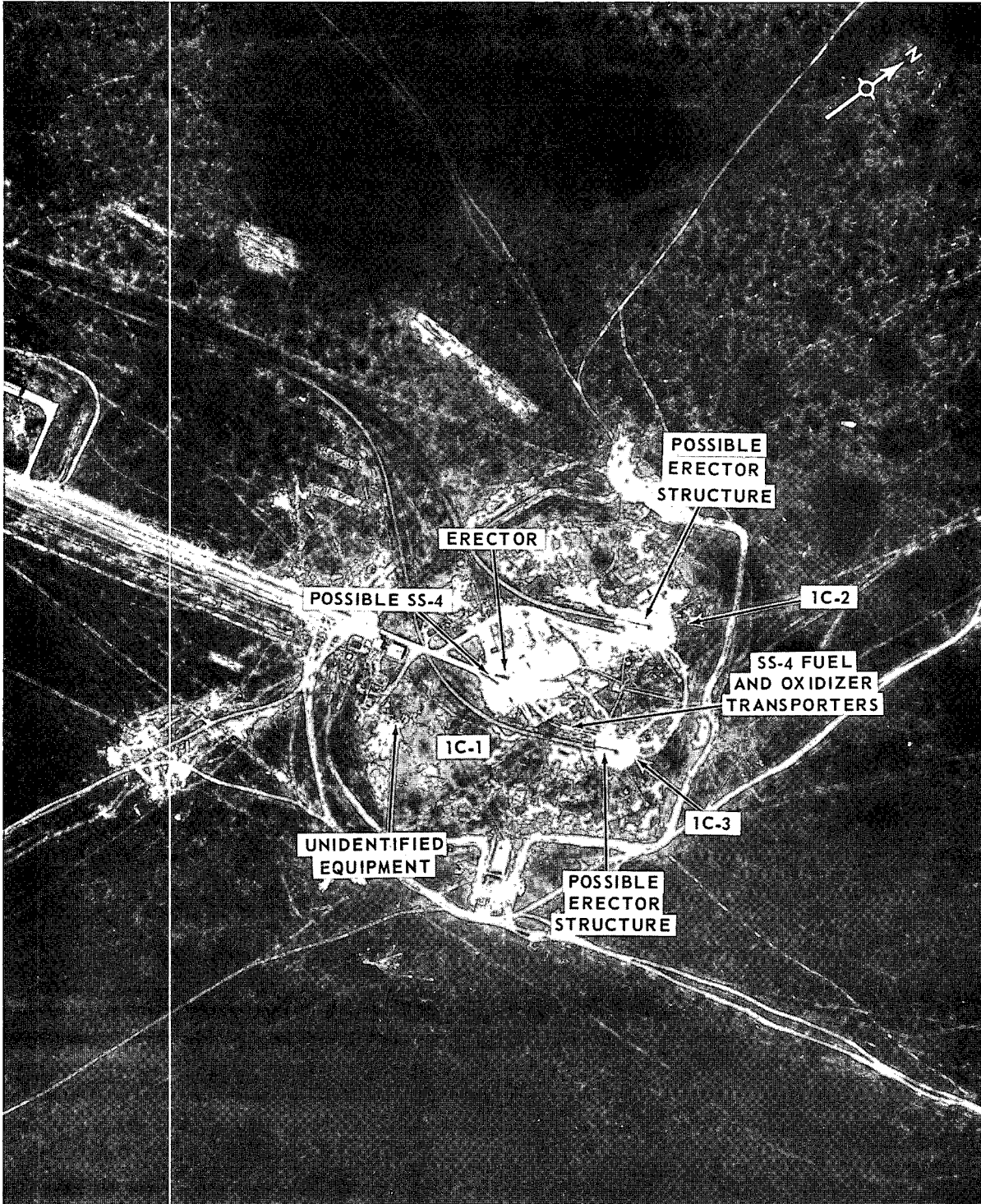
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 9



NPIC K-9675 (5/66)

LAUNCH AREA 1C, KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR.

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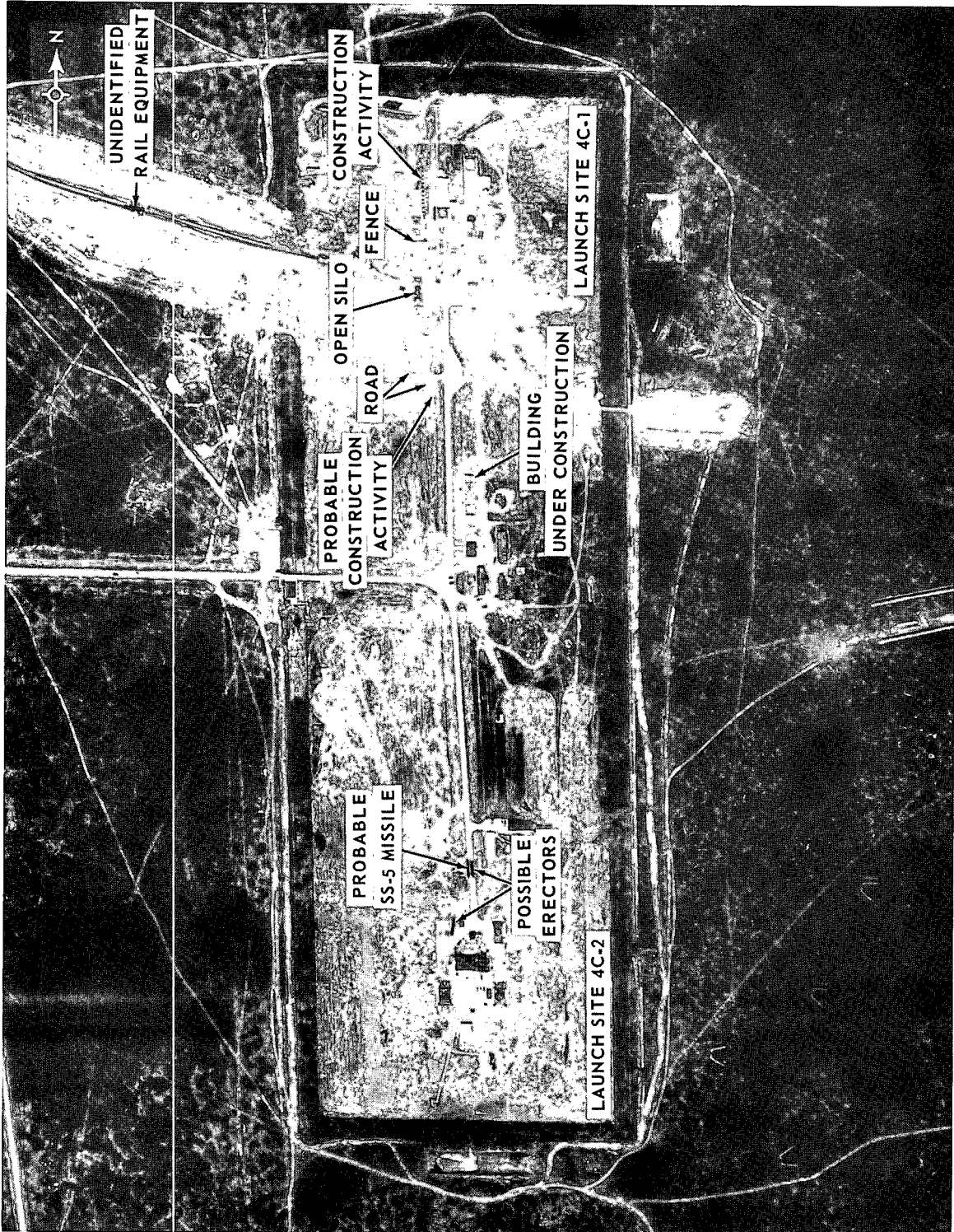
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 10

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LAUNCH AREA 4C, KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR.

NPIC K-9676 (5/68)

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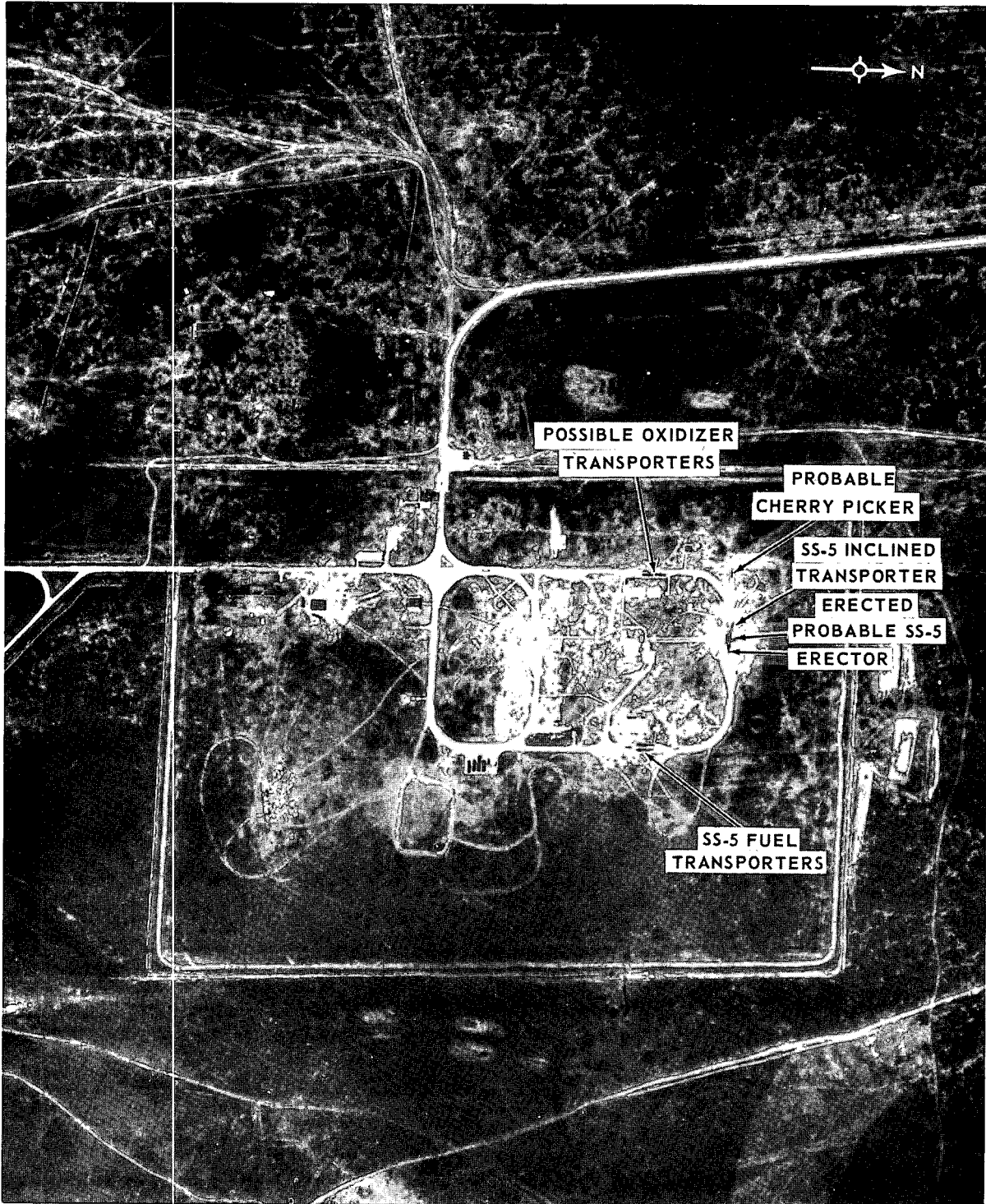
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 11



LAUNCH SITE 5C-1, KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR.

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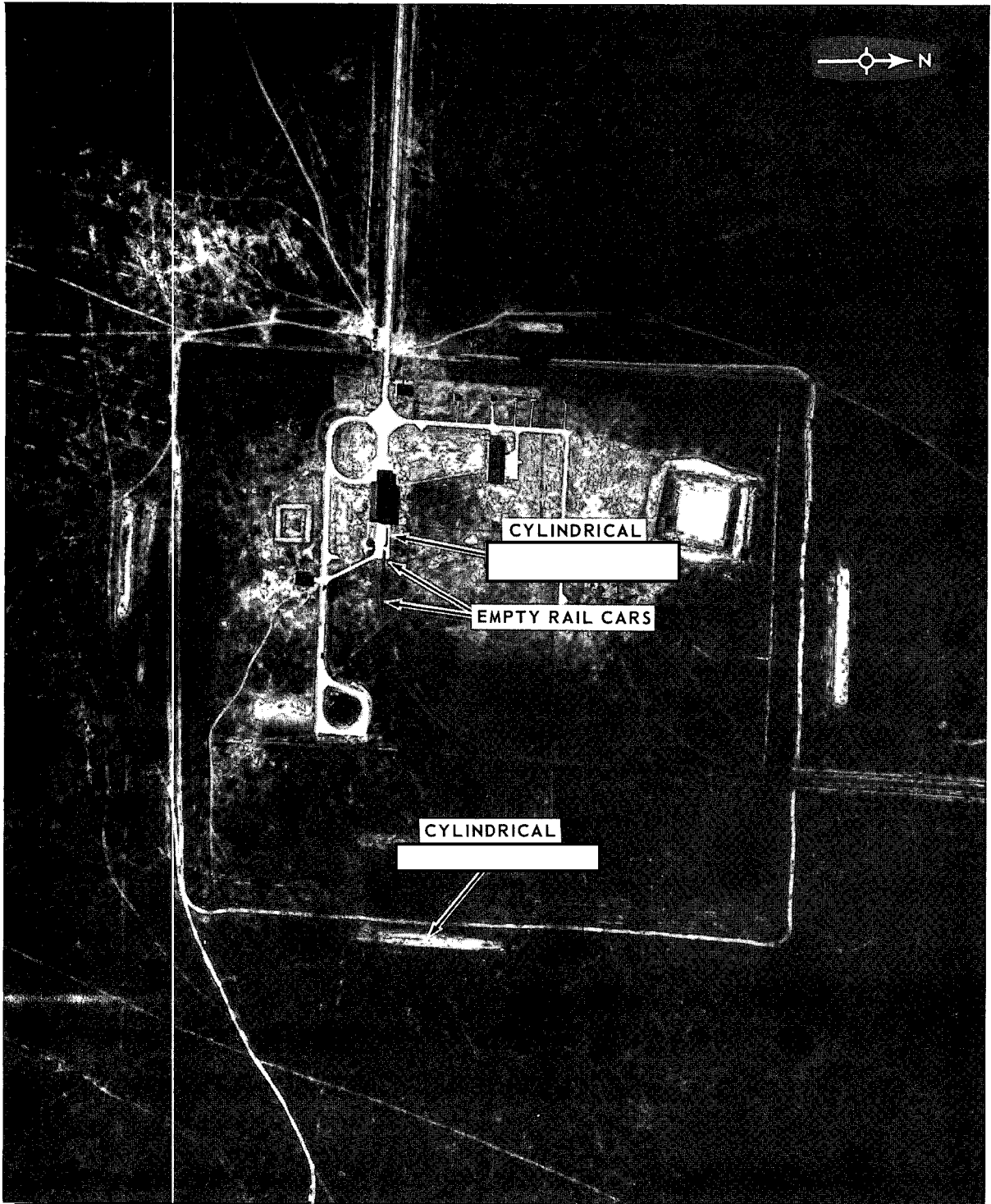


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ATTACHMENT 12

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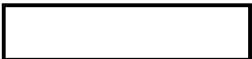
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LAUNCH COMPLEX C, KAPUSTIN YAR/VLADIMIROVKA MISSILE TEST CENTER, USSR.

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 13

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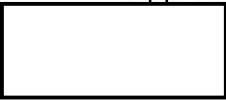
LAUNCH COMPLEX A, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR.

APIC K-9878 (3/7/66)

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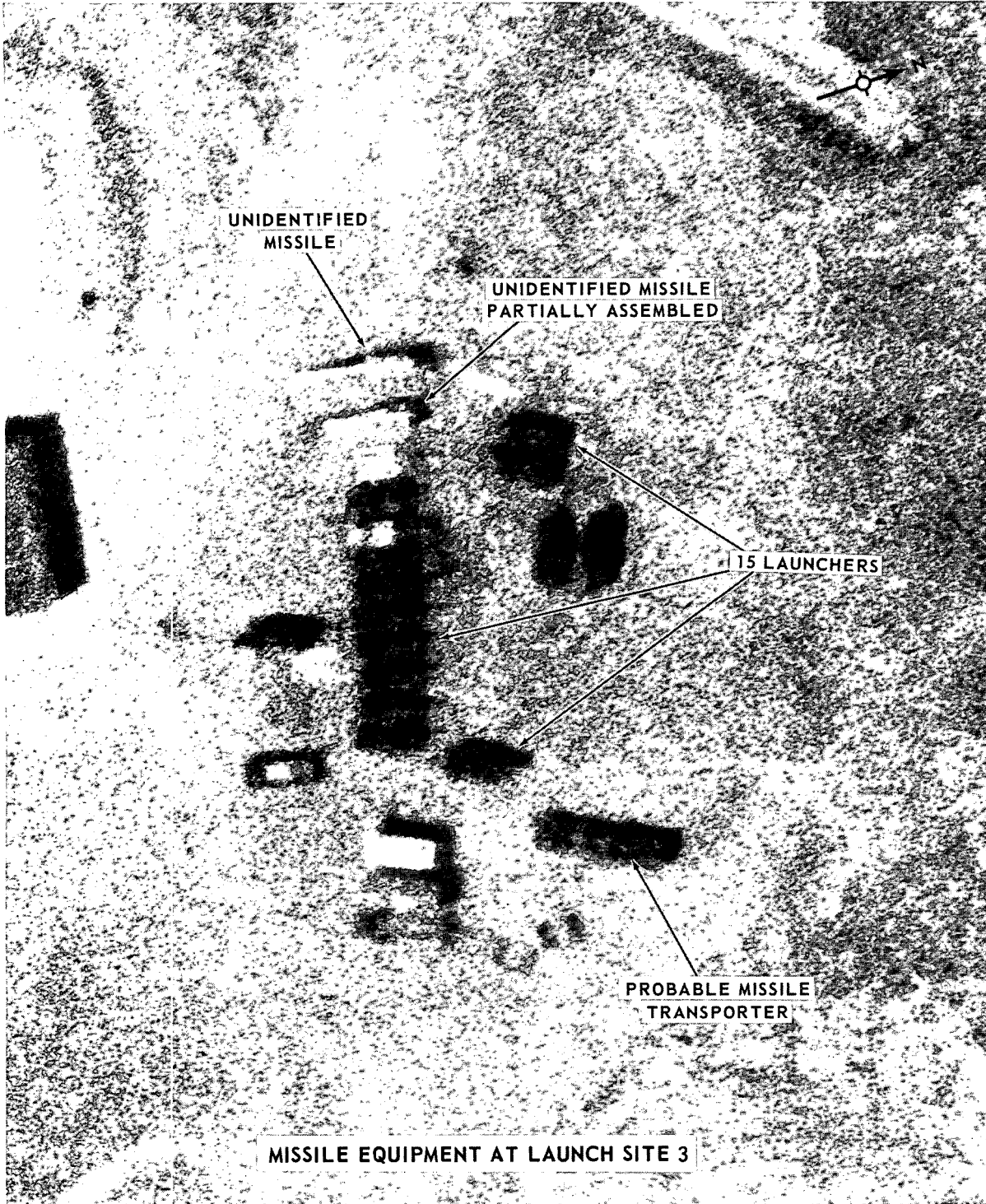
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 14



LAUNCH COMPLEX A, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR.

NPIC K-9682 (5/66)

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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 15

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ELECTRONIC SITE C, LAUNCH COMPLEX A, SARY-SHAGAN ANTIMISSILE TEST CENTER, USSR.

NPIC K-9670 (5/68)

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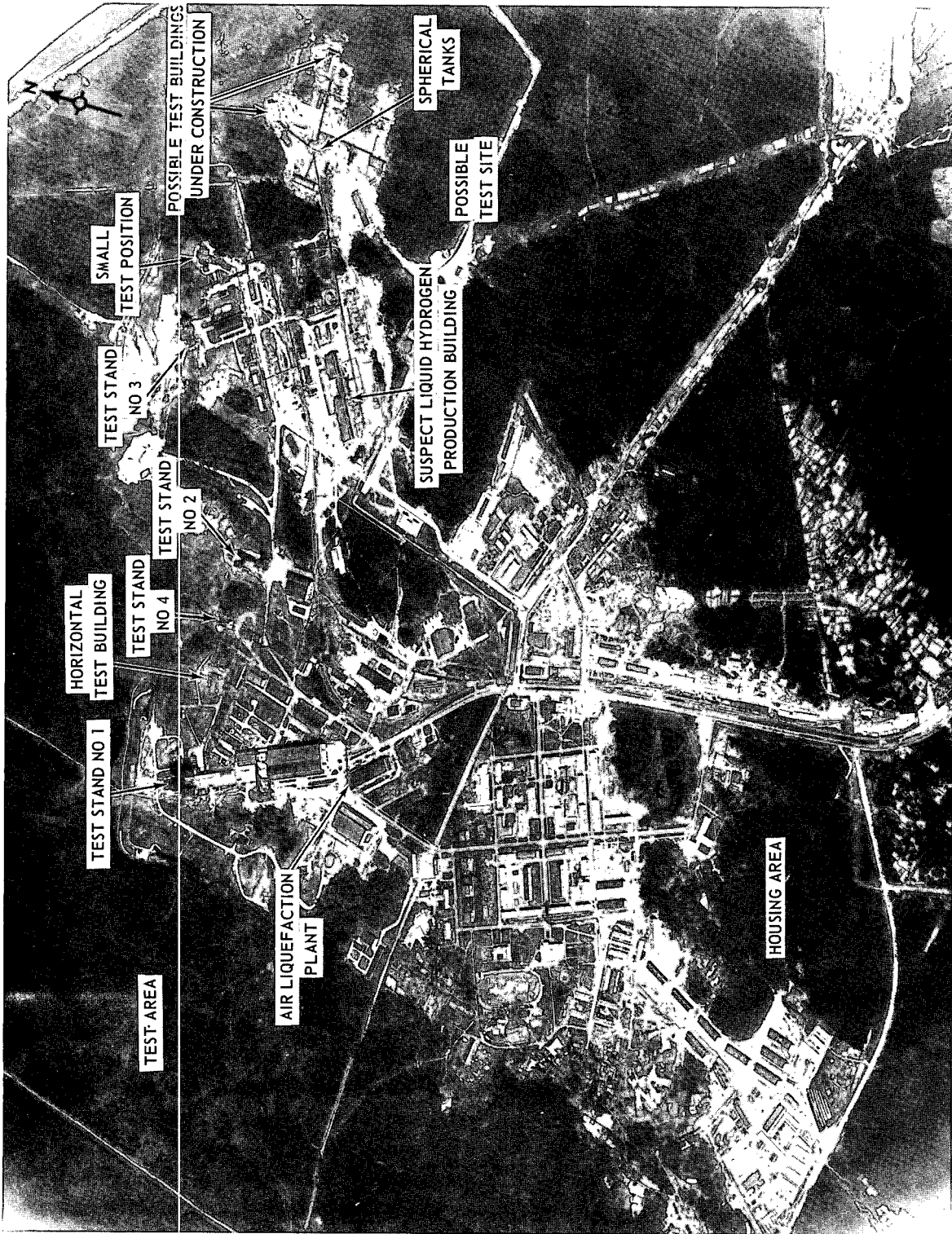
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 16

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ZAGORSK ROCKET ENGINE TEST FACILITY, KRASNOZAVODSK, USSR.

NPIC K-9688 (8/86)

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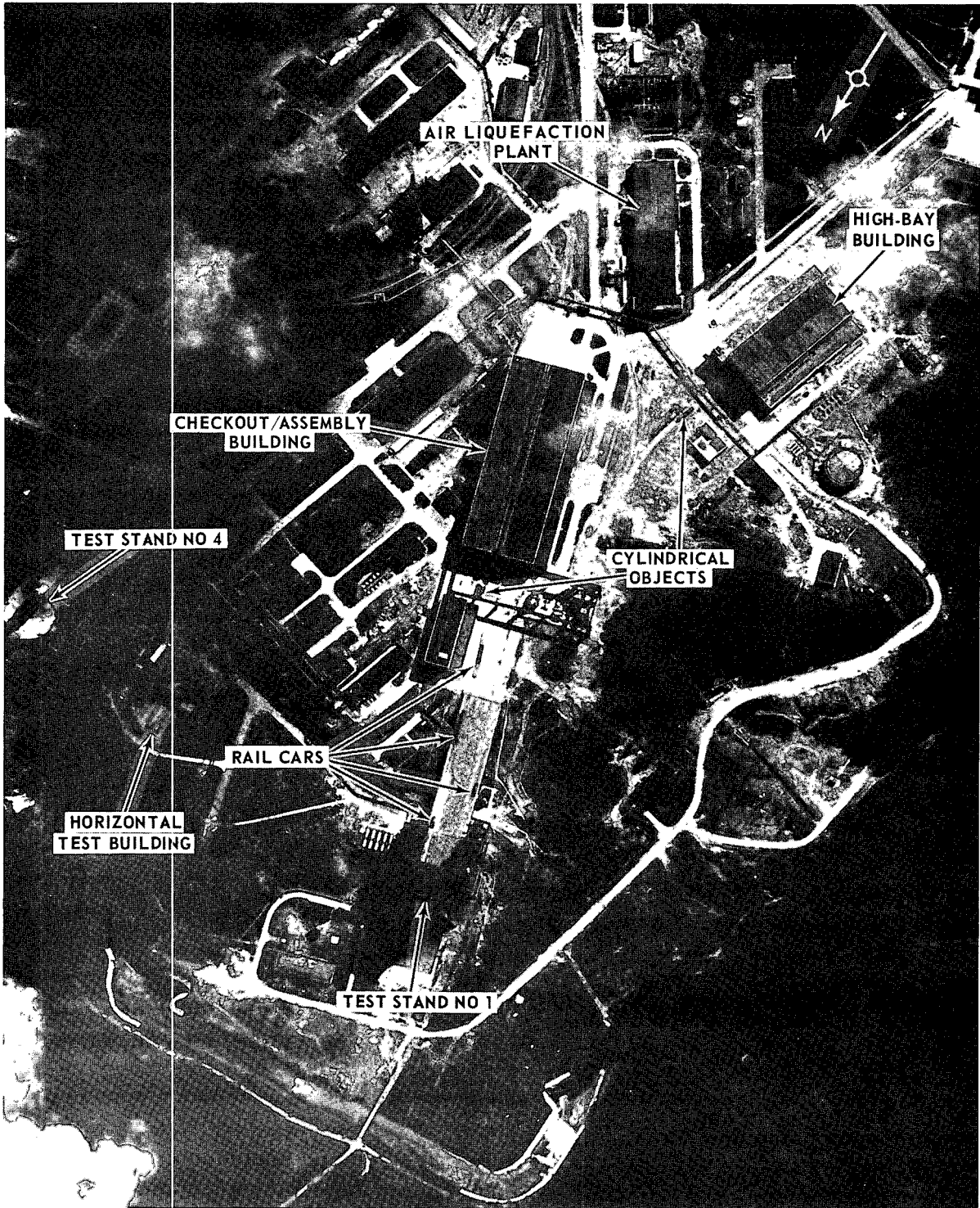
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 17

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ZAGORSK ROCKET ENGINE TEST FACILITY, KRASNOZAVODSK, USSR

NPIC K-9687 (5/66)

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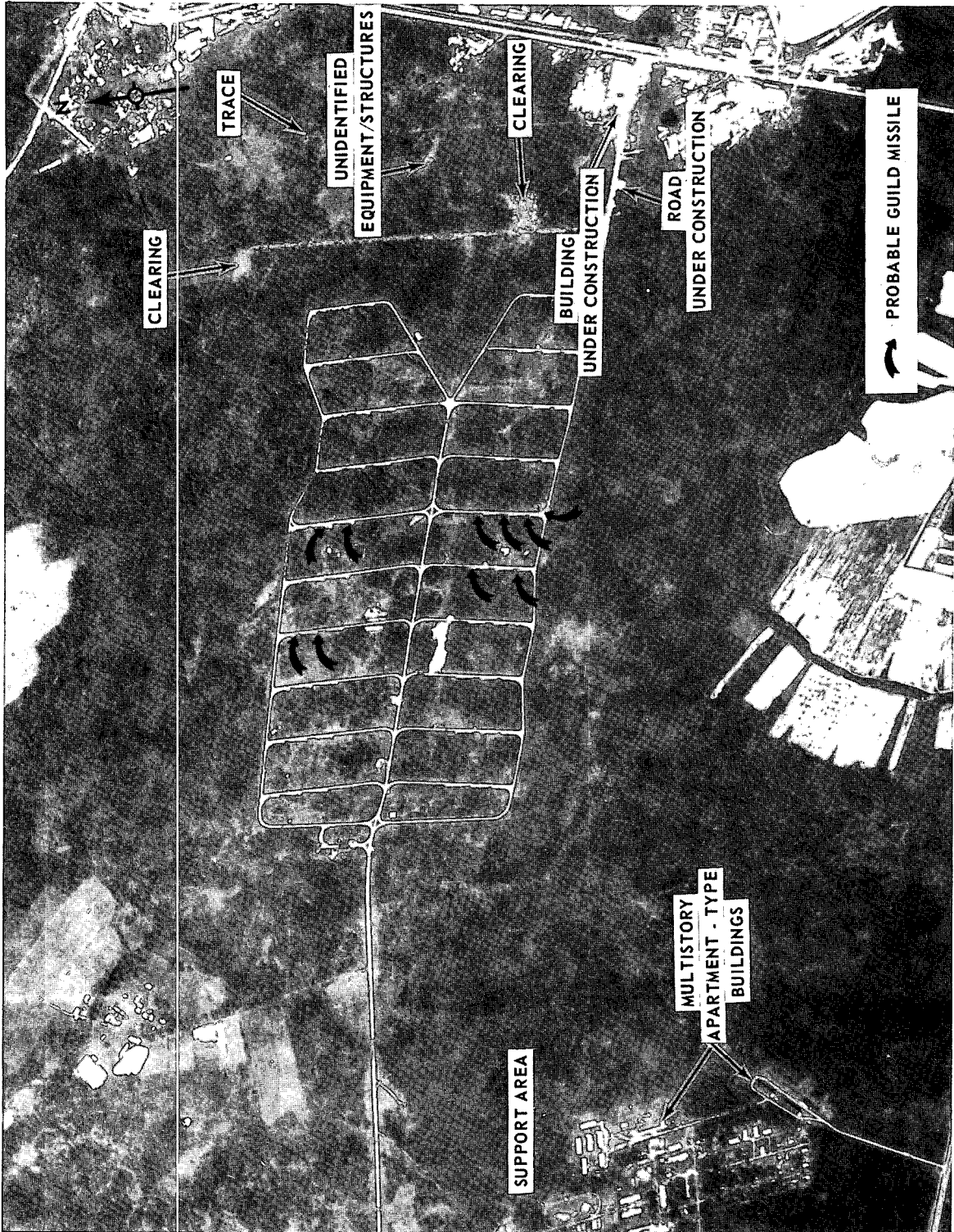
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 18

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PROBABLE ABM LAUNCH COMPLEX UNDER CONSTRUCTION, SAM SITE E03-1, MOSCOW, USSR.

NPIC K-9680 (3/66)

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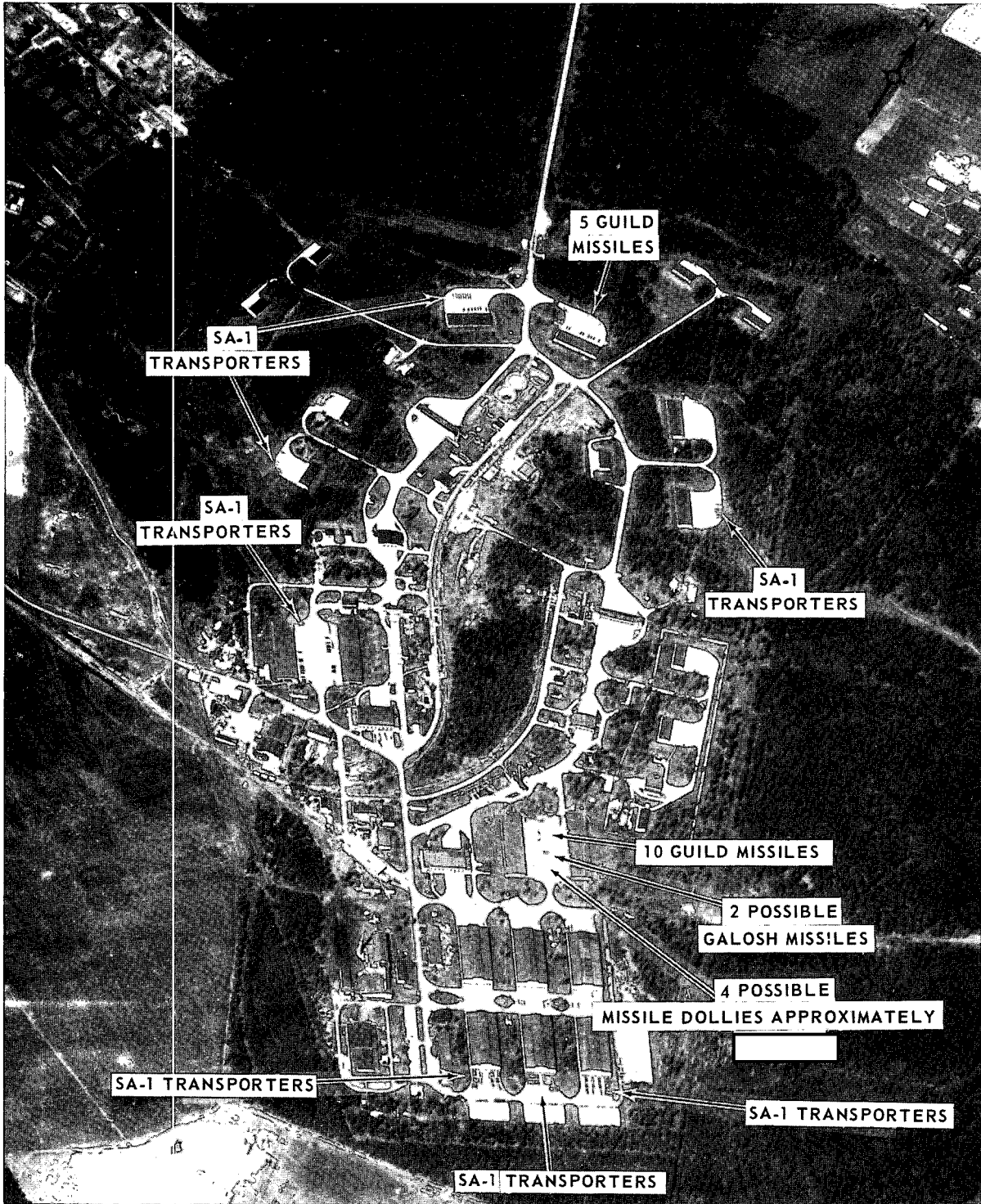


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MISSION 40 28, 14-20 MAY 1966

ATTACHMENT 19

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SAM STORAGE SITE 3, MOSCOW, USSR.

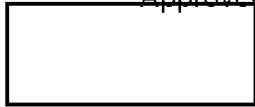
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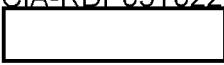
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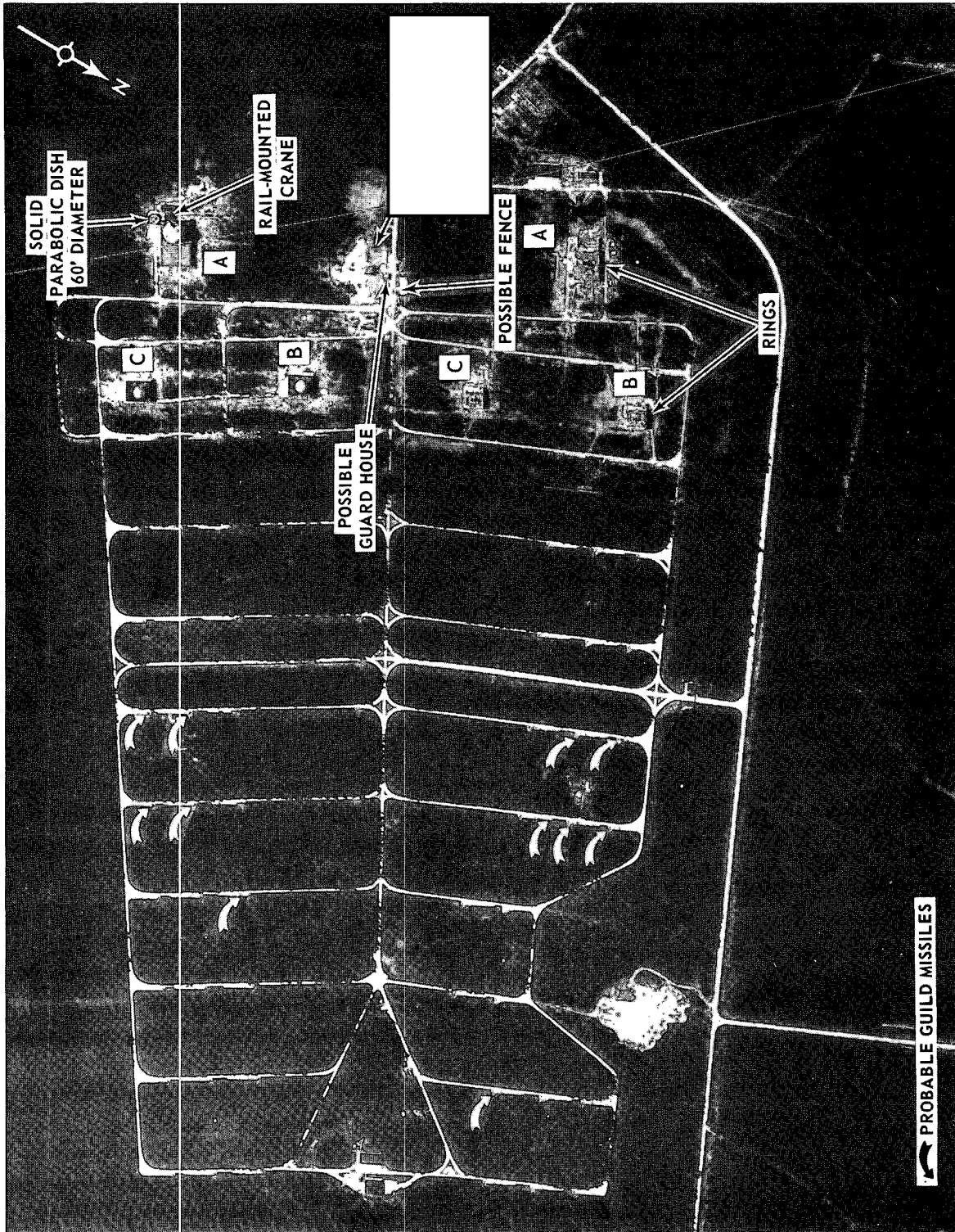


MISSION 4028, 14-20 MAY 1966

ATTACHMENT 20

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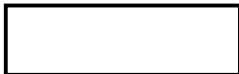
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PROBABLE ABM LAUNCH COMPLEX, SAM SITE E24-I, MOSCOW, USSR.

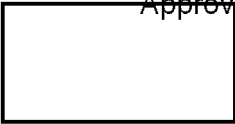
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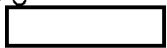


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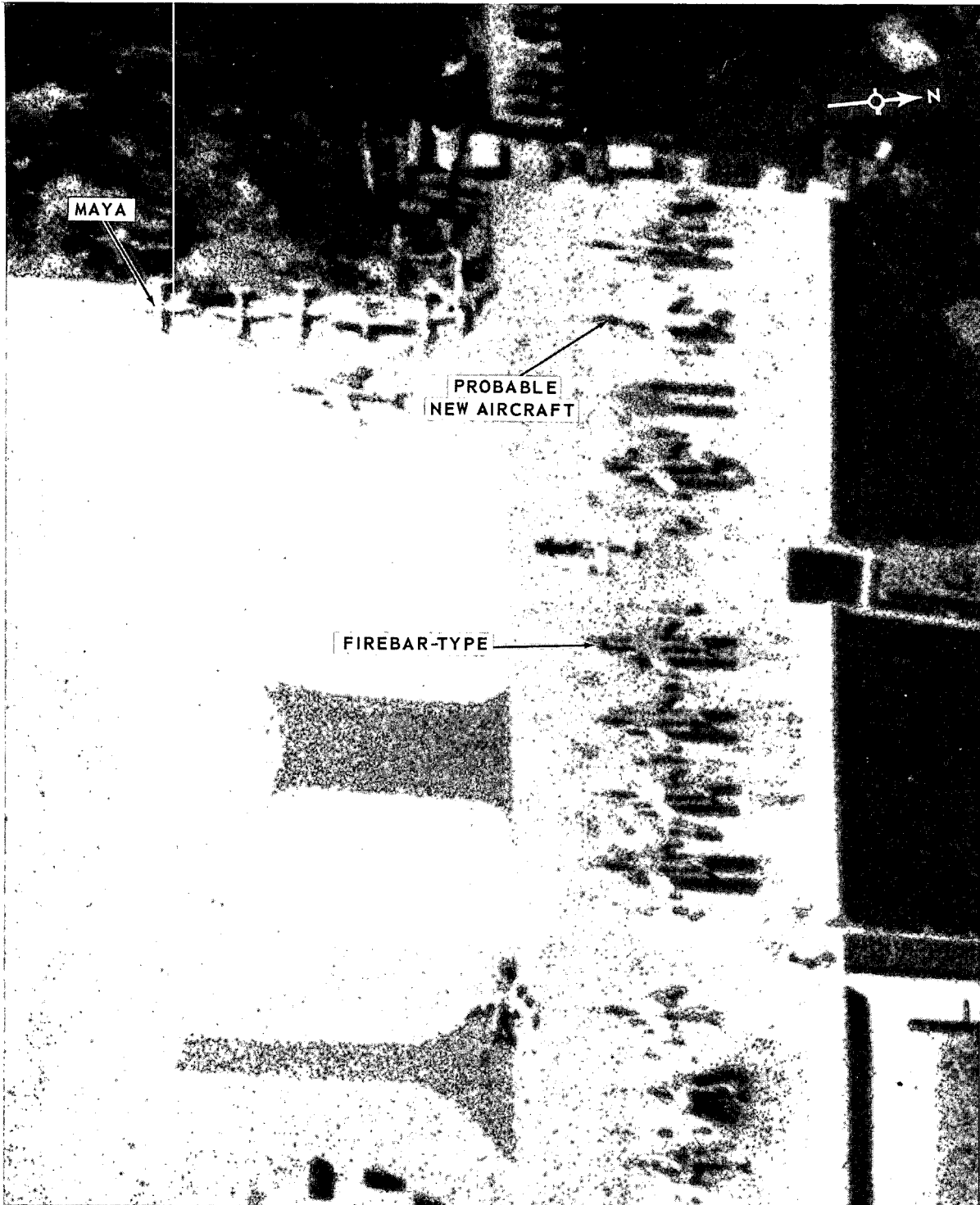
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 21



RAMENSKOYE FLIGHT TEST CENTER, USSR.

NPIC K-9683 (5/66)

**TOP SECRET**

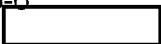
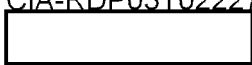


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MISSION 4028, 14-20 MAY 1966

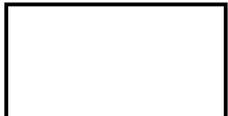
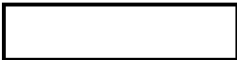
ATTACHMENT 22



RAMENSKOYE FLIGHT TEST CENTER, USSR

NPIC K-9684 (5/68)

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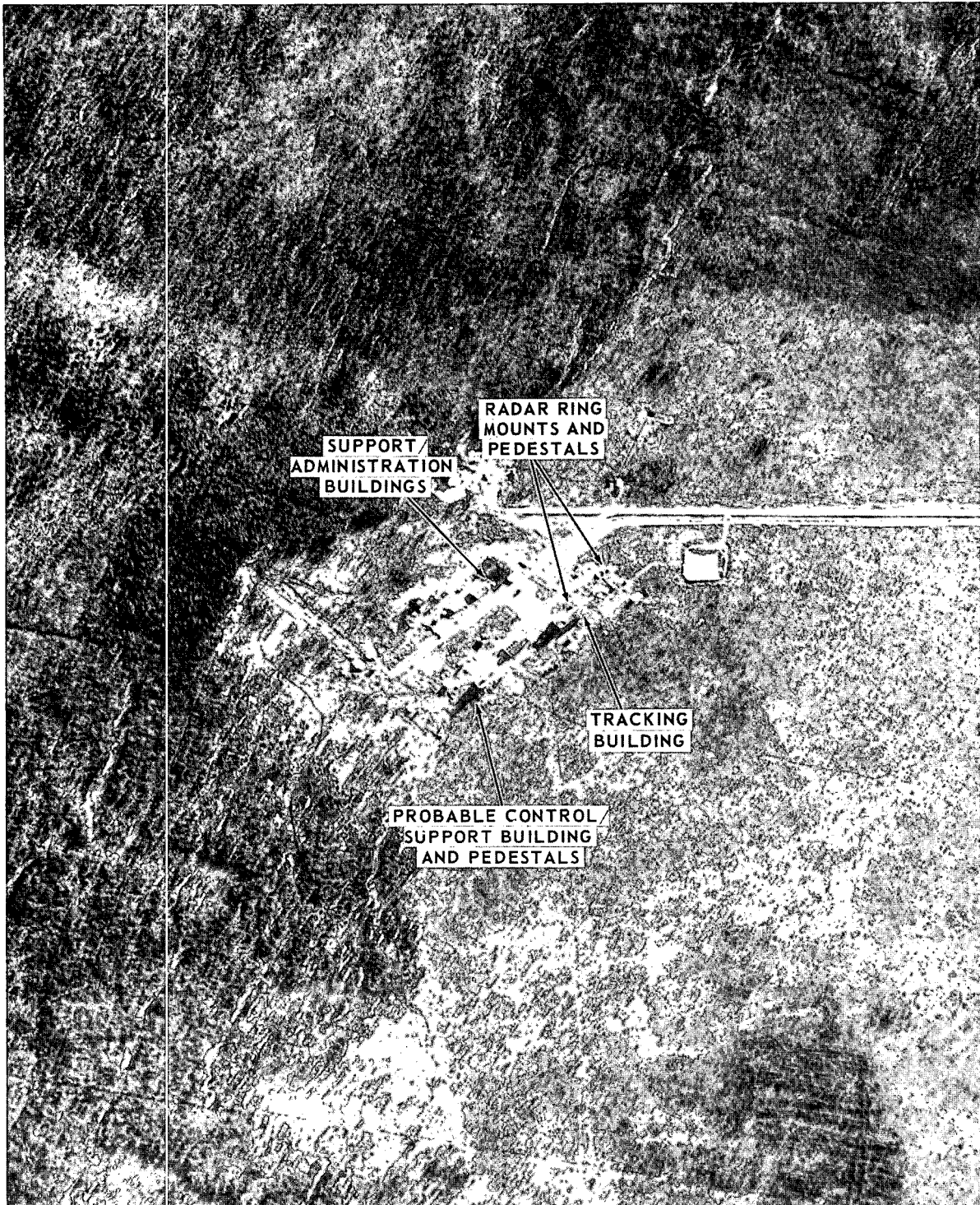
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 24

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NPIC K-9664 (5/66)

PROBABLE EARTH SATELLITE VEHICLE TRACKING FACILITY, PLESETSK ICBM COMPLEX, USSR

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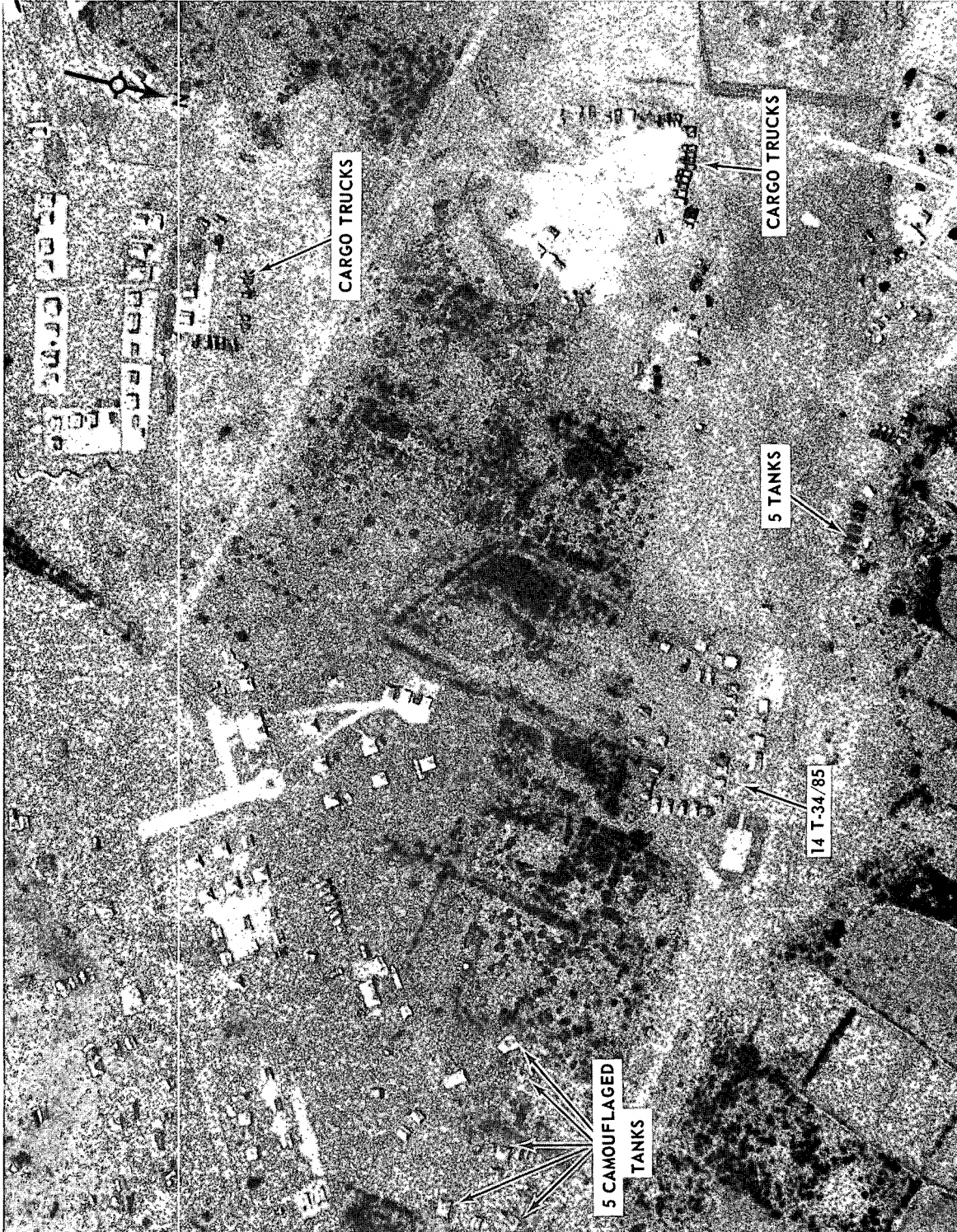
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MISSION 4028, 14-20 MAY 1966

ATTACHMENT 25

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MILITARY ACTIVITY, HARAD, YEMEN

NPIC K-9686 (5/66)

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